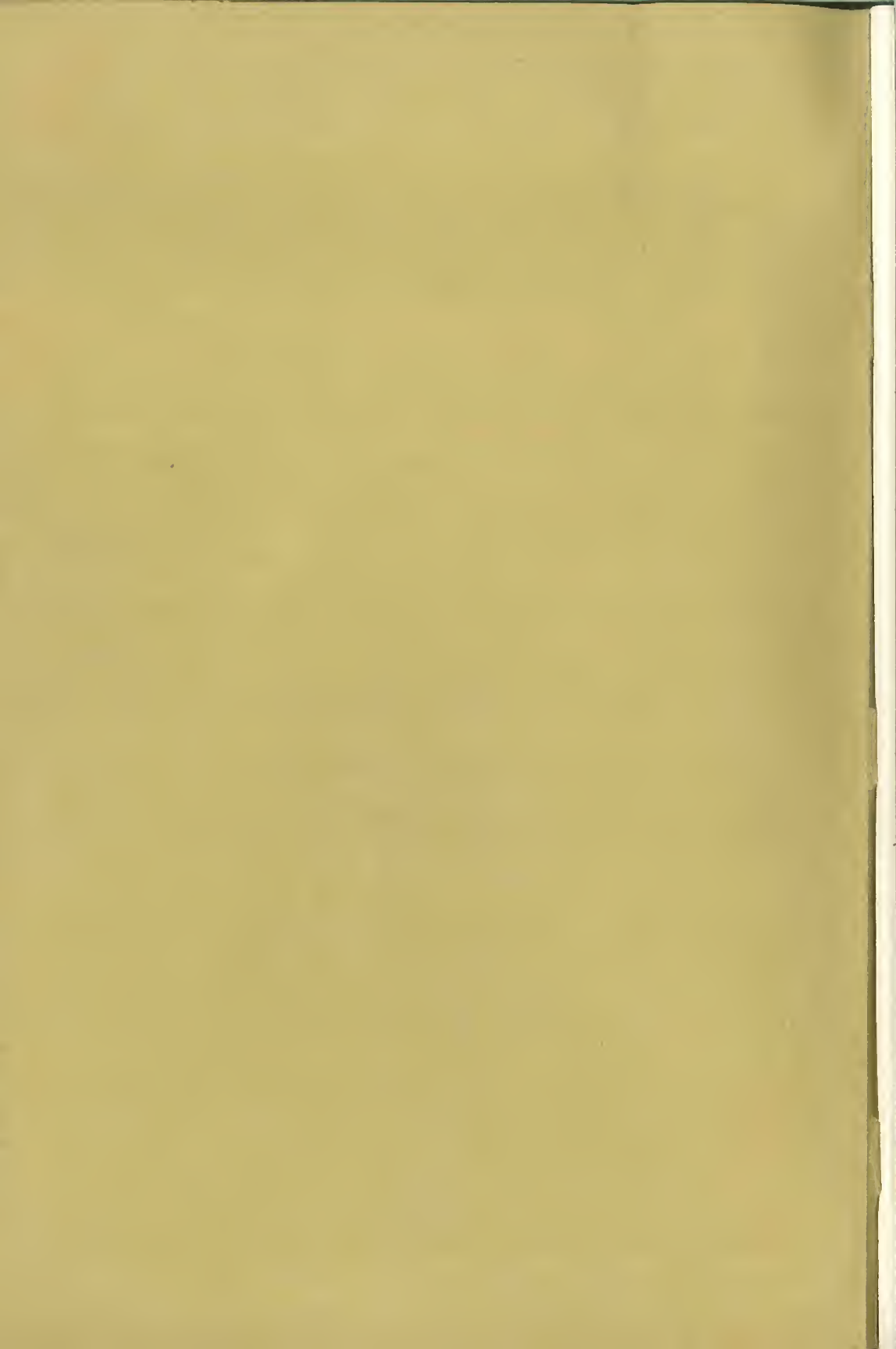


ECLIPSE

STOVES





27 off

ECLIPSE STOVES

CATALOG NUMBER 26

Illustrating and Describing
Cast and Steel Ranges, Cast
Cooks, Heating Stoves for
Coal and Wood and School
Heating Apparatus

THE ECLIPSE STOVE COMPANY
MANSFIELD, O.

The Eclipse Stove Company

MAIN OFFICE
AND FACTORY

MANSFIELD, O.

General Agencies

KNAPP & SPENCER CO., Sioux City, Iowa.
THE A. J. HARWI HARDWARE CO., Atchison, Kansas.
HARPER & McINTIRE CO., Ottumwa, Iowa.
CUTLER HARDWARE CO., Waterloo, Iowa.
STREVELL-PATERSON HARDWARE CO., Salt Lake City, Utah.
GREER & LAING, Wheeling, W. Va.
SPENCE MFG. CO., St. Paul, Minnesota.

A large and well assorted stock is carried by our General Agencies who are in a position to furnish the trade in their territories with any of the stoves shown, promptly. Shipments to these points are made in car lots, thus saving the customer the extra freight, lessening the liability of breakage in transportation and insuring more prompt delivery than if shipped direct from Mansfield in less than car lots. All orders and inquiries for catalogs or prices should be sent to these agencies. A request addressed to any of them will receive the same immediate attention that would be given it if sent to the home office at Mansfield.

Be The Eclipse Salesman

EACH year a new Eclipse catalog is produced in order to show our agents and prospective agents the many new things that we have done and to point out the numerous improvements we've made in the old things.

The merits of Eclipse products are presented also, so that those who are not already Eclipse agents will find it desirable to become such and information about the stoves is given in clear, concise form as an aid in ordering and to make the understanding of their many excellent features easier.

Even a hurried glance through this latest catalog will be fresh proof of our continued success in stove building, for there are brand new stoves, new designs for old stoves, new ideas that help appearances and new features for economy, durability and convenience.

But we want you to give this catalog more than a hurried glance. Take it home with you some evening when you can sit down and go through it without being influenced by the opinions of others. Compare Eclipse stoves point by point with others—values are determined only by comparison.

When you have given these stoves careful study we know you'll agree with us when we say that no better stoves can be gotten anywhere at the same price and few so good at any price. Going into this matter carefully means that you'll sell these Eclipse stoves to yourself—you'll become our salesman in two senses; first, when you become convinced that Eclipse stoves are absolutely right, and second when you in turn convince your prospects that they are right.

We are helping sell Eclipse stoves in the best way possible which is by going to the actual user of stoves—to the housewife. This is accomplished by farm paper and newspaper advertising; by the use of signs, banners, letters, moving picture slides, booklets and circulars.

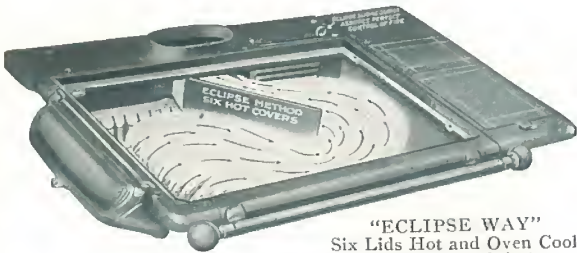
But we must have salesmen to close up the deals that are started through these channels and that's where the progressive dealer comes in. We want a good live salesman in every town. If you aren't already that man for your locality write us. We'll give you all the details—but before you know about the plan you should know about the stoves. Read the catalog carefully—then you'll become our salesman.

THESE FEATURES MAKE SELLING EASY

The HOT-ALL-OVER Top

(Patent applied for)

No feature of range construction has appealed so strongly to the housewife as has the Hot-All-Over Top, a device found only on ranges of Eclipse make. With it all the heat can be concentrated under the top of the range whenever desired and the oven can be kept cool.



"ECLIPSE WAY"
Six Lids Hot and Oven Cool
(Patent applied for)

Note in the illustration of the "Eclipse Way" that the Hot-All-Over Top plate deflects the flames and causes the heat to pass under all six lids before escaping.

In the "Old Way" as illustrated below, the flames pass almost directly out the flue and only three lids are hot enough for cooking.

When the advantages of this remarkable Eclipse device are

pointed out to the housewife she will at once realize its desirability, for she knows how provoking it is when she has several things to cook or when she wants to prepare a big meal quickly—to be handicapped by having only three lids on her range hot enough for use.

Particularly in the summer time when she wants to cook or iron and keep as cool as possible, it's unpleasant to have to heat up the oven in order to get the top of the range hot. Her kitchen is made uncomfortable and fuel is wasted.

But unless she has an Eclipse range she can do nothing else, for in all ordinary ranges, as shown in the illustration, the flames skip half the top, pass almost directly out and only three lids are heated. To heat the entire top it is necessary to pass the flames around the oven.

In Eclipse ranges this is unnecessary for all the heat passes under all six lids whether on its way around the oven or out the flue.

Aside from the convenience and comfort of not having to heat the oven in order to get the top hot, there is also a big saving in fuel. It takes quite a lot of additional fuel to make fire enough to heat the oven and this is saved for the whole top can be made hot and the oven remain cool as desired.

This exclusive Eclipse device has sold more ranges than any feature on any range. Housewives appreciate it at once and will insist upon it if you bring it to their attention.

It gives their range a double cooking capacity, that is, makes six lids hot enough for cooking instead of three, and in addition it insures comfort, gives leisure hours, and saves fuel.



"OLD WAY"
Only Three Lids Hot

THESE FEATURES MAKE SELLING EASY

The HOT BLAST Fire Box

Investigation shows that 38% of the heat energy in soft coal is wasted when burned under ordinary conditions—the largest item of waste being unburned gases that escape up the flue in smoke.

Oxygen is required for combustion and the lack of it causes the gases to escape rather than burn.

It is in adding just the proper amount of oxygen that the Eclipse Hot - Blast Fire - Box makes its big saving.

The arrows in the illustration indicate the currents of heated air that are introduced just above the flames. This air carries the oxygen that is needed to make the gases burn and instead of escaping they ignite, giving off heat and making a saving of at least 25% in fuel.

The gas that comes from partially burned coal and usually escapes is carbon monoxide (monoxide meaning one part of oxygen), a dangerous gas. But when more oxygen is added this becomes carbon dioxide (dioxide meaning two parts of oxygen), a gas that will burn. Introducing this heated air over the flames changes the carbon monoxide to dioxide, causes combustion and gets more heat value from the fuel. It is a big economy feature.



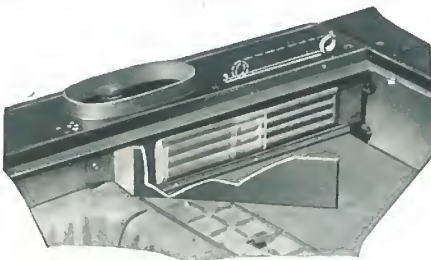
The ADJUSTABLE DAMPER

In old-style ranges having only the flop damper, the draft is either full on or entirely off. If the damper is up the fire is dead; if down, it burns briskly. There is no way to control the flames.

With the Eclipse Adjustable Damper as much or as little draft as desired can be given the fire. This is particularly convenient in starting fires, but its greatest advantage comes in controlling the oven heat while baking.

With old-style ranges there is no way to cool the oven except by opening the oven door, which means that the baking may be spoiled.

With the Adjustable Damper this is easy and safe. Instead of keeping the damper tightly closed so that all the heat passes around the oven it can be opened slightly allowing a portion of the flames to pass directly out the flue. Any desired temperature is insured by the device.

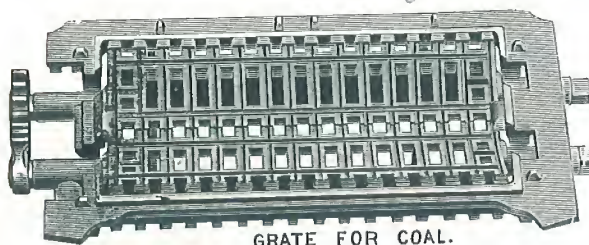


Eclipse Adjustable Damper
(Hot-All-Over Top Strip partly broken away)
(Patent applied for)

THESE FEATURES MAKE SELLING EASY

One Grate for Coal or Wood

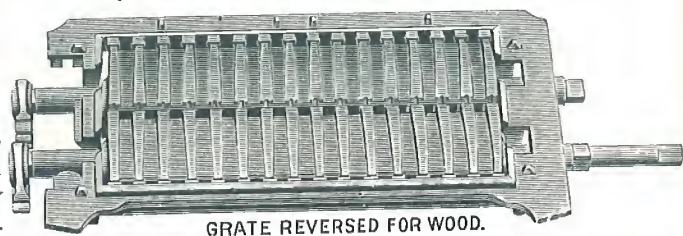
Eclipse ranges are equipped with a duplex grate which burns hard coal, soft coal, wood or other fuel. The upper illustration shows the grate arranged for burning coal or coke, and below the wood burning position is shown. A change from coal to wood or vice versa is easily made by simply



reversing the grate by a half turn of the crank. When arranged for wood the fire-box is longer than when in the coal burning position and will take an extra long stick of wood. This is done by removing the end linings which lift out easily without the use of tools.

A Durable Fire-Box

The fire-boxes on Eclipse ranges are constructed on scientific principles and are correct in size, shape and weight. In many ranges the fire-boxes are so deep that to boil a kettle of water requires a big fire. This wastes fuel and the heavy firing soon destroys the linings. The Eclipse fire-box is deep enough but not too deep and it is oval in shape with no dead corners to collect ashes and cause the linings or grates to burn out. The iron used is of special quality and if not abused the fire-box will last for years.



Accurate Thermometer

A thoroughly reliable and accurate thermometer is furnished on all Eclipse ranges, and all prices quoted include this feature. It is entirely encased in steel to protect the delicate working parts. The thermometer becomes really practical on Eclipse ranges because of the control of the oven heat made possible by the Eclipse Adjustable Damper.



Sectional Cover

Every Eclipse range is equipped with a sectional cover which permits cooking utensils of different sizes to be exposed to the direct action of the flames.

THESE FEATURES MAKE SELLING EASY

Castings of Pure Iron

The castings for all Eclipse ranges and also for all the heating stoves are made from a carefully prepared mixture of the best Northern and Southern pig irons, blended together. This assures strong, durable, quick heating castings that will not twist and warp out of shape.

The charging of the cupola is under the supervision of an expert chemist and metallurgist. The mixtures are made on analysis basis only and tests are made from every heat thus assuring the highest quality of metal obtainable.

Bodies of Special Steel

The bodies of Eclipse steel ranges and of the heaters also are made of a special quality of steel that conforms to standards which years of manufacturing have demonstrated to be the best. This steel has a highly durable polish all its own; is not affected by climatic conditions and will withstand the ravages of rust for a long period.

Smooth Castings Save Labor

Instead of the deep carving and gingerbread work that has been characteristic of all stove manufacturing in the past, Eclipse stoves are now made in plain form with but little ornamentation. The castings instead of being cut up with designs are smooth and plain; there is nothing to catch dirt or hold it. A damp cloth rubbed over these plain, sanitary castings is all that is necessary for cleaning and the housewife can spend in leisure the time she used to put in keeping her range respectable looking. With an occasional coat of blacking Eclipse stoves can be kept looking like new, and unsightly grease-filled crevices no longer worry the woman who takes pride in her kitchen.

Attractive Appearance

In the past there has been a general idea that in order to get strength it is necessary to sacrifice beauty—this is far from true. In Eclipse stoves you will find staunch and lasting construction combined with graceful lines and unusually handsome appearance. They are designed by men who have specialized in building stoves that not only are thoroughly dependable, but artistic as well. Nickered trimmings are combined with the smooth black castings in just the right proportions to insure that simplicity that always accompanies a high standard of quality.

JOY ECLIPSE CAST RANGE

Illustrated pages 9, 10, 11, 12 and 13

For economy, durability, convenience and attractive appearance the JOY ECLIPSE cannot be surpassed. It is a large handsome, strictly high-grade range built for the buyer who wants the best. No attractive feature or practical device that would make the JOY better has been omitted, and it has many economical and convenient features not found in other ranges. No range so good is offered at the same price and few can compare at any price.

Features That Save All styles and sizes of the JOY ECLIPSE are equipped with the Hot-All-Over Top, which keeps six lids hot and the oven cool; with the Adjustable Damper that controls oven heat; with the Hot-Blast Back Wall that saves 25% in fuel; with an oven thermometer and all the other special features listed on pages 4, 5, 6 and 7.

Materials All castings for the JOY are made of best Northern and Southern pig iron carefully blended. They are strong, durable, smooth and free from defects. The steel used is of special quality made to conform to our own formulae.

Fire-Box The JOY fire-box is of the usual Eclipse construction, oval with no dead corners to collect ashes. It is correctly proportioned to the size of the flues so as to give the most heat with the least fuel. Two sticks of wood or half a bucket of coal are sufficient for the average baking. Coal and wood can be burned in the duplex grate (page 6), which shakes easily, the ashes falling into a large bailed ash pan that can be removed quickly. The drop feed door prevents ashes falling out when firing the range.

Oven The JOY oven is square in form and unusually large. It is aluminized, giving a clean, wholesome appearance, and is equipped with a non-breakable steel rack. The oven door is lined with steel and forms a large, smooth shelf on which the contents can be drawn out for inspection. It is counter-balanced by a coil spring which prevents it from dropping down too heavily when opened. Underneath the oven in front is a small door which can be removed for cleaning the flues when necessary.

Reservoir The high-grade porcelain reservoir tank holds five gallons of water and is heated from the bottom. The heat can be turned off or on when desired by a simple reservoir damper conveniently located.

Water Fronts Either an "L" water front which occupies the space usually taken up by the back and left side linings, or the customary straight water front can be furnished when desired on the JOY. Either will give ample quantities of hot water.

Top, Covers, Centers The JOY top is made in sections with ample room allowed for expansion and contraction. The long center is made in two sections to prevent warping and the covers are double rimmed—the only method of bracing that will withstand severe heat and usage. Each stove has a sectional ring cover, so that cooking utensils of different sizes may be exposed to the direct action of the fire.

Polished Top When desired a beautifully polished top can be furnished. It adds much to the appearance of the range and makes keeping it clean much easier.

Attractive Appearance The JOY is distinctive in design—its smooth black castings being combined with the rich, lustrous "triple coat" nickel in just the right proportion to give a stove of rare beauty. All filigree work has been done away with and the JOY is a range that will make any kitchen more attractive.

ECLIPSE



JOY ECLIPSE

Full-Nickeled Form With Reservoir and High Closet

Read description page 8

This full-nickeled form has the base, oven door, fire-box door and ash-pit door finished in Eclipse "triple-coat" nickel. It is a particularly handsome range and in addition to the form shown above is also made in the square form, illustrated pages 11 and 13, and with Tea Shelf or Plain Top, not illustrated.

No.	Covers	Oven	Top Surface	With Reservoir		Top Surface	Without Reservoir	
				Wgt.	Price		Wgt.	Price
816N	6—8-inch	16 x 18 x 12	42 x 26	410	\$65.60	31 x 26	360	\$55.10
818N	6—8-inch	18 x 18 x 12	44 x 26	430	67.40	33 x 26	380	56.90
918N	6—9-inch	18 x 18 x 12	44 x 26	430	67.40	33 x 26	380	56.90
820N	6—8-inch	20 x 18 x 12	46 x 26	450	69.40	35 x 26	400	58.90
920N	6—9-inch	20 x 18 x 12	46 x 26	450	69.40	35 x 26	400	58.90

For Straight Water Front add.....\$4.20
 For "L" Water Front add..... 6.30
 For Polished Top add..... 2.00

For Plain Top Form deduct.....\$11.90
 For Tea Shelf Form deduct..... 10.00
 Above prices include thermometer.



JOY ECLIPSE

White Enameled Form with Reservoir and High Closet

Read description page 8

This form of the JOY is exactly like that illustrated on page 9, except that it does not have the nicked trimmings but has instead an oven door panel of white enamel and splash plates of the same material. These splash plates make the range much easier to keep clean, a minute's work with a damp cloth being all that is necessary. They give the range a handsome appearance and the white oven door panel against the black background of the stove is unusually striking.

No.	Covers	Oven	Top Surface	Weight	Price
816E	6—8-inch	16 x 18 x 12	42 x 26	410	\$62.10
818E	6—8-inch	18 x 18 x 12	44 x 26	430	63.90
918E	6—9-inch	18 x 18 x 12	44 x 26	430	63.90
820E	6—8-inch	20 x 18 x 12	46 x 26	450	65.90
920E	6—9-inch	20 x 18 x 12	46 x 26	450	65.90

For Straight Water Front add.....\$4.20
 For "L" Water Front add..... 6.30
 For Nicked Base Strip add..... 2.00

For Polished Top add.....\$ 2.00
 For Plain Top Form deduct..... 12.90
 For Tea Shelf Form deduct..... 11.00

ECLIPSE



JOY ECLIPSE

White Enameled Form without Reservoir

Read description page 8

This illustrates the square form of the White Enameled JOY. The white enameled splash plates forming the back of the high closet catch the dirt and grease from cooking and make it easy to clean a part of the range that is ordinarily hard to get at. In combination with the white oven door these plates add much to the attractive appearance of the range and make it one of unusual beauty.

No.	Covers	Oven	Top Surface	Weight	Price
816E	6—8-inch	16 x 18 x 12	31 x 26	360	\$51.60
818E	6—8-inch	18 x 18 x 12	33 x 26	380	53.40
918E	6—9-inch	18 x 18 x 12	33 x 26	380	53.40
820E	6—8-inch	20 x 18 x 12	35 x 26	400	55.40
920E	6—9-inch	20 x 18 x 12	35 x 26	400	55.40

For Straight Water Front add.....\$4.20

For "L" Water Front add..... 6.30

For Nickeled Base Strip add..... 2.00

For Polished Top add.....\$ 2.00

For Plain Top Form deduct..... 12.90

For Tea Shelf Form deduct..... 11.00

ECLIPSE



JOY ECLIPSE

Plain Form With Reservoir and High Closet

Read description page 8

This form of the JOY is exactly like that illustrated on page 9 except that the base, oven door, fire-box door and ash-pit door are not nickeled. Sufficient nickeled trimmings however are combined with the smooth black castings to make the range very attractive. It is made without reservoir, *see opposite page*, and with Tea Shelf or Plain Top, not illustrated.

No.	Covers	Oven	Top Surface	Weight	Price
816	6—8-inch	16 x 18 x 12	42 x 26	410	\$60.10
818	6—8-inch	18 x 18 x 12	44 x 26	430	61.90
918	6—9-inch	18 x 18 x 12	44 x 26	430	61.90
820	6—8-inch	20 x 18 x 12	46 x 26	450	63.90
920	6—9-inch	20 x 18 x 12	46 x 26	450	63.90
For Straight Water Front add.....			\$ 2.00		
For "L" Water Front add.....			11.90		
For Polished Top add.....			10.00		
			For Nickeled Base Strip add.....		\$ 2.00
			For Plain Top Form deduct.....		11.90
			For Tea Shelf Form deduct.....		10.00

Above prices include thermometer

ECLIPSE



JOY ECLIPSE

Plain Form Without Reservoir

Read description page 8

This illustrates the JOY without reservoir (square form). The full-nickeled style illustrated on page 9 can be furnished in this form, and page 11 shows the square form of the white enameled finish. This square form of the JOY is also made with Tea Shelf or Plain Top, not illustrated.

No.	Covers	Oven	Top Surface	Weight	Price
816	6—8-inch	16 x 18 x 12	31 x 26	360	\$49.60
818	6—8-inch	18 x 18 x 12	33 x 26	380	51.40
918	6—9-inch	18 x 18 x 12	33 x 26	380	51.40
820	6—8-inch	20 x 18 x 12	35 x 26	400	53.40
920	6—9-inch	20 x 18 x 12	35 x 26	400	53.40
For Straight Water Front add.....			\$4.20		
For "L" Water Front add.....			6.30		
For Polished Top add.....			2.00		
For Nickeled Base Strip add.....			\$ 2.00		
For Plain Top Form deduct.....			11.90		
For Tea Shelf Form deduct.....			10.00		

Above prices include thermometer

PARAGON ECLIPSE CAST RANGE

Illustrated pages 15 and 16

Plain almost to the point of severity, yet relieved with just a touch of embossing here and there, the PARAGON ECLIPSE is without doubt one of the handsomest ranges ever built. It has all the JOY'S meritorious features of economy, durability, convenience and appearance, and differs from it only in that it is somewhat heavier and larger, being built particularly for use in those places where more than the average service is expected from a range.

Features That Save All styles and sizes of the PARAGON are equipped with the Hot-All-Over Top which keeps six lids hot and the oven cool; with the Adjustable Damper that controls oven heat; with the Hot-Blast Back Wall that saves 25% in fuel; with an oven thermometer and all the other special features listed on pages 4, 5, 6 and 7.

Materials The very best of Northern and Southern pig irons are carefully blended to insure highest quality for the PARAGON castings and all are strong, durable, smooth and free from defects. Steel conforming to our own special formulae is used where needed.

Fire-Box There are no dead corners in the PARAGON fire-box to collect ashes and cause the grate or linings to burn out. The size of the fire-box is in proportion to the flues in order to secure the most heat from the least fuel, and the PARAGON is particularly economical. The duplex grate will burn hard coal, soft coal, wood or other fuel. A half turn of the shaker handle changes it from one position to the other and it shakes easily, the ashes falling into a large, bailed pan that can be removed quickly.

Oven The PARAGON oven is large, roomy and full-square in form. Its aluminum finish keeps it clean and wholesome looking and it is equipped with a non-breakable steel rack. The oven door is lined with steel and forms a convenient, smooth shelf, on which the contents may be drawn out for inspection. A coil spring counterbalances the door and prevents it dropping down too heavily when opened. A flue clean-out door is located in front just below the oven door.

Reservoir The high-grade porcelain reservoir holds five gallons of water and is heated from the bottom. A conveniently located damper makes it possible to turn the heat on or off whenever desired.

Water Back A water back that will furnish ample quantities of hot water can be furnished for the PARAGON if desired.

Top, Covers, Centers The PARAGON top is made in sections with ample room allowed for contraction and expansion. The long center is made in two pieces to prevent warping and the covers are double rimmed—the only method of bracing that will withstand severe heat and usage. Each stove has a sectional cover for cooking with utensils of various sizes.

Polished Top When desired a special polished top can be furnished for the PARAGON. This feature adds much to the attractive appearance of the range and helps greatly in keeping it clean.

Attractive Appearance In order to appreciate thoroughly the beauty of the PARAGON it is first necessary to see it, although the illustration on the opposite page is a very faithful representation of this remarkable range. Its smooth castings are easy to keep clean and a coat of blacking on them once in a while keeps the range looking like new.

ECLIPSE



PARAGON ECLIPSE

With Reservoir and High Closet

Read description page 14

The PARAGON ECLIPSE is also made without reservoir, square form, illustrated page 16, and with Tea Shelf and Plain Top, not illustrated.

No.	Covers	Oven	Fire-box Length	Top Surface	Weight	Price
819	6—8-inch	19 x 19 x 13	22	48 x 30	520	\$72.00
919	6—9-inch	19 x 19 x 13	22	48 x 30	520	72.00
821	6—8-inch	20 x 21 x 13	24	48 x 30	560	75.00
921	6—9-inch	20 x 21 x 13	24	48 x 30	560	75.00

For Straight Water Back, add.....\$5.00
 For Polished Top, add..... 2.00
 For Nicked Base Strip, add..... 2.00

For Plain Top Form, deduct.....\$11.90
 For Tea Shelf Form, deduct..... 10.00
 Above prices include thermometer.

ECLIPSE



PARAGON ECLIPSE

Without Reservoir

Read description page 14

The PARAGON ECLIPSE is also made with reservoir as illustrated on page 15, and with Tea Shelf and Plain Top, not illustrated.

No.	Covers	Oven	Fire-Box Length	Top Surface	Weight	Price
819	6—8-inch	19 x 19 x 13	22	38 x 30	440	\$59.50
919	6—9-inch	19 x 19 x 13	22	38 x 30	440	59.50
821	6—8-inch	20 x 21 x 13	24	38 x 30	470	62.50
921	6—9-inch	20 x 21 x 13	24	38 x 30	470	62.50

For Straight Water Back add.....\$5.00
 For Polished Top add..... 2.00
 For Nicked Base Strip add..... 2.00

For Plain Top Form deduct.....\$11.90
 For Tea Shelf Form deduct..... 10.00
 Above prices include thermometer.

CLASSIC ECLIPSE STEEL RANGE

Illustrated pages 18 and 19

Every known device that makes for quick, even baking, satisfactory cooking, convenience and saving in fuel is found in the CLASSIC ECLIPSE. All frills and decorations which add nothing to the cooking qualities of a stove have been left off, bringing the CLASSIC down to as near an even exchange of iron and steel for currency, as any stove buyer will ever find. Here is a standard by which you can determine the real value of a good stove. It is strictly high-class in every particular and is without a peer in its class.

Features That Save

The CLASSIC ECLIPSE is equipped with the Hot-All-Over Top which keeps six lids hot and the oven cool; with the Adjustable Damper that controls the oven heat; with the Hot-Blast Back Wall that saves 25% in fuel; with an oven thermometer and all the other special features listed on pages 4, 5, 6 and 7.

Body

The outer walls of the body of the CLASSIC ECLIPSE are made of extra-fine quality Wellsville polished steel. The Eclipse triple-wall construction which consists first, of the outer shell of steel mentioned above, second, of a thick layer of mill board asbestos, and third, an inner plate of steel, is used. These three thicknesses are closely hand-riveted with cone-head rivets. In addition to giving durability to the range this triple-wall construction keeps all the heat within the body.

Oven

For the oven and parts coming in contact with the fire a special quality of three-pass, cold-rolled, re-leveled, re-squared steel is used. All parts are so carefully fitted that the oven is air-tight and the bottom, always a source of trouble because of its tendency to warp, is made of the heaviest steel ever used for the purpose. The oven bottom is further strengthened by two cast strips; a cast plate is bolted over oven top next to the fire-box serving as a protection to the steel and making the top more rigid.

Fire-Box

The CLASSIC ECLIPSE fire-box is correctly proportioned and is adapted to any fuel. The duplex grate when reversed makes a shallow fire-box for wood and when the end linings are removed will take a stick 26 inches long.

Reservoir

The high-grade porcelain reservoir holds six gallons of water and is heated from the bottom. A convenient damper enables the housewife to turn the heat off or on, heating the water when desired.

Water Front

Hot water in ample quantities can be secured by connecting the plumbing to the Straight Water Front, which can be furnished for the CLASSIC when desired.

Top, Covers, Centers

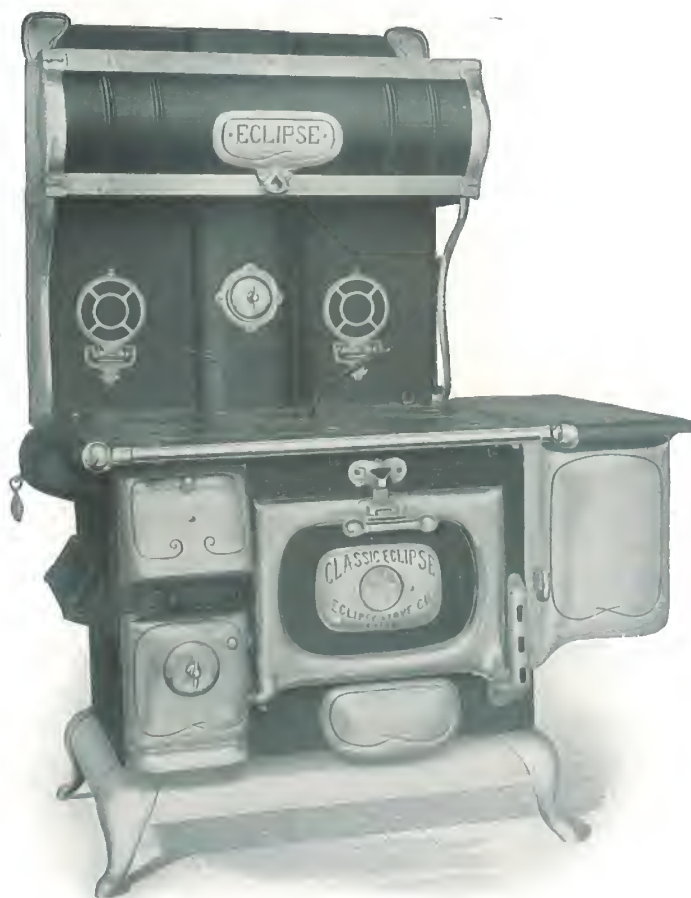
In order to prevent cracking and allow for contraction and expansion, the CLASSIC top is made in sections. The covers are double rimmed, the only method of bracing known that will withstand severe heat and usage and prevent warping. A sectional lid is furnished so that cooking utensils of small sizes can be exposed to the direct action of the flames.

Polished Top

When desired a special polished top can be furnished for the CLASSIC. It is a desirable feature, for it helps keep the range clean and adds much to its attractiveness.

Attractive Appearance

In addition to the parts usually nickeled, the reservoir panel of the CLASSIC is also nickeled. The combination is a striking one for the deep, rich lustre of the "triple coat" nickel forcibly impresses the quality of the range on all those who see it.



CLASSIC ECLIPSE

With Reservoir and High Closet

Read description page 17

The CLASSIC ECLIPSE is made in the square form, without reservoir, page 19, and also with Tea Shelf and Plain Top, not illustrated.

No.	Covers	Oven	Fire-Box Length	Top Surface	Weight	Price
8018	6—8-inch	18 x 20 x 13	26	28½ x 46	500	\$74.50
9018	6—9-inch	18 x 20 x 13	26	28½ x 46	500	74.50
8020	6—8-inch	20 x 20 x 13	26	28½ x 48	510	77.50
9020	6—9-inch	20 x 20 x 13	26	28½ x 48	510	77.50

For Straight Water Front add.....\$5.00
For Polished Top add..... 2.00

For Plain Top Form deduct.....\$11.90
For Tea Shelf Form deduct..... 10.00

Above prices include thermometer



CLASSIC ECLIPSE

Without Reservoir

Read description page 17

The CLASSIC ECLIPSE is made with reservoir as illustrated page 18, and with Tea Shelf and Plain Top, not illustrated.

No.	Covers	Oven	Fire-Box Length	Top Surface	Weight	Price
8018	6—8-inch	18 x 20 x 13	26	28½ x 34	435	\$63.50
9018	6—9-inch	18 x 20 x 13	26	28½ x 34	435	63.50
8020	6—8-inch	20 x 20 x 13	26	28½ x 36	455	66.50
9020	6—9-inch	20 x 20 x 13	26	28½ x 36	455	66.50

For Straight Water Back add.....\$5.00

For Polished Top add..... 2.00

For Plain Top Form deduct.....\$11.90

For Tea Shelf Form deduct..... 10.00

Above prices include thermometer



WINNER ECLIPSE CAST COOK

Nickeled Form—On Base—With Reservoir

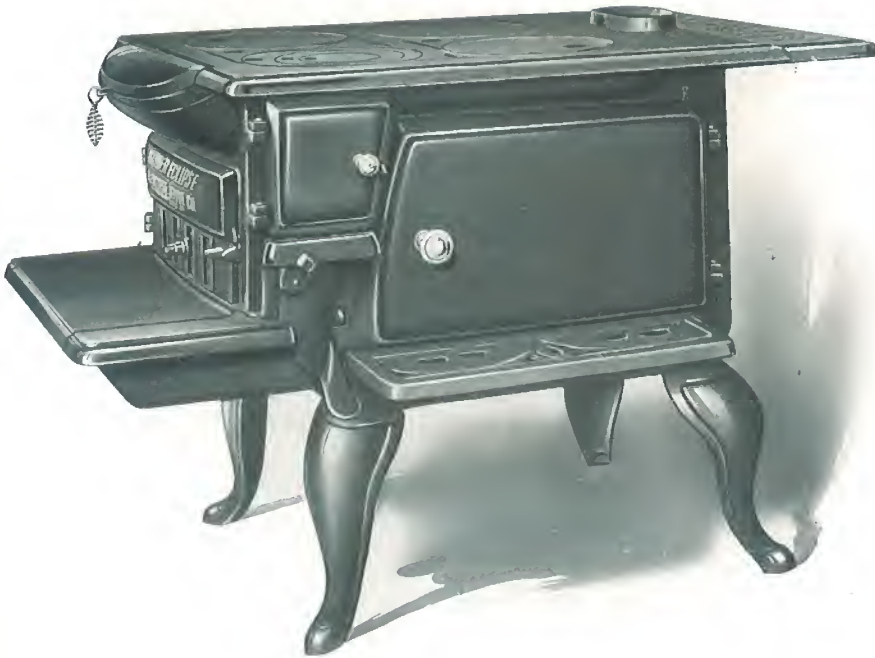
The same elements of simplicity that characterize all the ECLIPSE ranges are found in the WINNER cast cook. The design is rich, severely plain and free from all carving and ornamentation that will catch and hold dirt. It is easy to blacken and keep clean. The fire-box is large and oval shaped; a duplex grate is furnished, but a dump grate can be supplied if desired; the oven is square, full-sized and roomy; the reservoir is white porcelain lined and holds five gallons. The WINNER can be furnished in the plain form, without reservoir and on legs instead of base (see page 21).

No.	Covers	Oven	With Reservoir		Without Reservoir	
			Weight	Price	Weight	Price
818	4—8-inch	18 x 18 x 11	310	\$40.90	255	\$32.60
918	4—9-inch	18 x 18 x 11	310	40.90	255	32.60
820	4—8-inch	20 x 20 x 11	370	44.20	310	35.30
920	4—9-inch	20 x 20 x 11	370	44.20	310	35.30

For Dump Grate instead of Duplex deduct.....\$1.20

For Legs (page 21) instead of Base deduct..... 1.40

For Plain Form instead of Nickeled deduct..... 1.50



WINNER ECLIPSE CAST COOK

Plain Form—On Legs—Without Reservoir

This form of the WINNER is like that shown on page 20, except that it has no nickeled trimmings and is mounted on legs instead of base. It can be furnished with or without reservoir.

No.	Covers	Oven	With Reservoir		Without Reservoir	
			Weight	Price	Weight	Price
818	4—8-inch	18 x 18 x 11	310	\$38.00	255	\$29.70
918	4—9-inch	18 x 18 x 11	310	38.00	255	29.70
820	4—8-inch	20 x 20 x 11	370	41.30	310	32.40
920	4—9-inch	20 x 20 x 11	370	41.30	310	32.40

For Dump Grate instead of Duplex deduct.....\$1.20

For Base Form instead of Legs see page..... 20

For Nickeled Form instead of Plain see price page..... 20



MERIT ECLIPSE CAST COOK

Square Form—Without Reservoir

Here is what many people are looking for every day—a small stove that is made well, bakes well, lasts a long time and sells cheap. The MERIT has good materials, is well made and will give many years of satisfactory service. The fire-box is of ample size, equipped with a flat, dumping grate.

No.
816

Oven
16 x 16 x 10

Weight
160

Price
\$18.40

Eclipse Heating Apparatus

	PAGE
Colonial Base Burner.....	24
Eclipse Circulator.....	29
Eclipse Three-in-One.....	34
New Maple Wood Heater.....	38
New Prize Wood Heater.....	40
Eclipse Quick-Selling Oaks.....	41
Best Oak.....	49
Frost Killer Cannon Stove.....	50
Oakwood Cannon Stove.....	54
Sterling Cannon Stove.....	56
Sun Eclipse Cannon Stove.....	57
Sun Eclipse Laundry Stove.....	58
Lunar Eclipse Box Stove.....	62
Ozono School Room Heater.....	64
Ozono Room Heater.....	68
Radium Furnace.....	70

COLONIAL ECLIPSE

Three-Flue, Hard Coal Base Burner

Illustrated page 25. Details of Construction pages 26, 27, 28.

When the present form of the Eclipse base burner, the COLONIAL, was produced, every resource in our large factory and all of the experience gained in our more than twenty-five years of stove manufacturing were called upon in order that we might bring forth a base burner absolutely unapproachable in economy, durability and appearance. Every known device and up-to-date feature that could add to its value was incorporated and we firmly believe that the COLONIAL cannot be surpassed. It represents stove building in its highest form—it surpasses all previous efforts.

Construction Details of the special three-flue construction are given on pages 26, 27 and 28.

Design In design the COLONIAL is the very latest—not too heavy or squatly looking nor too tall, but harmoniously proportioned, giving a most pleasing appearance. Its castings are smooth and plain, free from all carvings which catch and hold dirt. The ample trimmings are of silvery-white nickel; rich, lustrous and long-lasting. A handsome ornamental urn finishes off the top of the stove in a most pleasing manner.

Fire-Pot The fire-pot is very massive and deep, made in one piece with practically straight sides. It hangs loosely in a heavy cast iron ring and can be revolved so that the same portion is not always exposed to the flues at the rear, thereby preventing possible warping. The fire-pot can easily be removed by anyone—an expert mechanic is not necessary as is the case with many base burners.

Grates The grates are of the ball-bearing, flat shaking type, with heavy revolving center. The beveled shaking ring forces the ashes to the center and is constructed to prevent binding when hot. The ball bearings are encased in cups.

Magazine The magazine is of extra-large capacity, fitted at the top with a tight lid that rises automatically when the top is swung away. A shut-off plate fits the bottom and prevents emptying the magazine should it become necessary to clean out the fire-pot. The magazine can be removed easily by lifting it out through the top.

Doors The mica doors are large, admitting all the light from the fire into the room, giving it much cheer. They are fitted into recessed grooves, are gas tight and held firmly in place by nickeled turn-buckles which fasten to vertical bars, making it impossible for the doors to spring out of place when they expand from the heat. The ash-pit door is ground to fit paper-tight and the screw-register for draft is also absolutely tight.

Double-Heater If desired a pipe may be attached to the special hot air collar on the COLONIAL and heat conducted to the upstairs rooms. A six-inch lid at the back of the stove provides a convenient place for heating water.

Removable Parts In addition to the fire-pot, grates and magazine practically all other parts of the COLONIAL are easy to remove. The dome, wings, foot rails, etc., are quickly detachable—no bolts being used to hold them on. These nickeled parts are so placed that they are thoroughly ventilated, thus preventing tarnishing.

ECLIPSE



COLONIAL ECLIPSE

Three-Flue, Hard Coal Base Burner

Read general description page 24, and details of construction pages 26, 27 and 28

No.	Fire-Pot	Height to Urn Base	Weight	List Price
14	14-inch	54 inches	445 lbs.	\$73.00
26	16-inch	57 inches	510 lbs.	85.00
28	18-inch	60 inches	580 lbs.	95.00

ECLIPSE

FRONT VIEW
INSIDE MIDDLE BACK PLATE REMOVED



COLONIAL ECLIPSE BASE BURNER

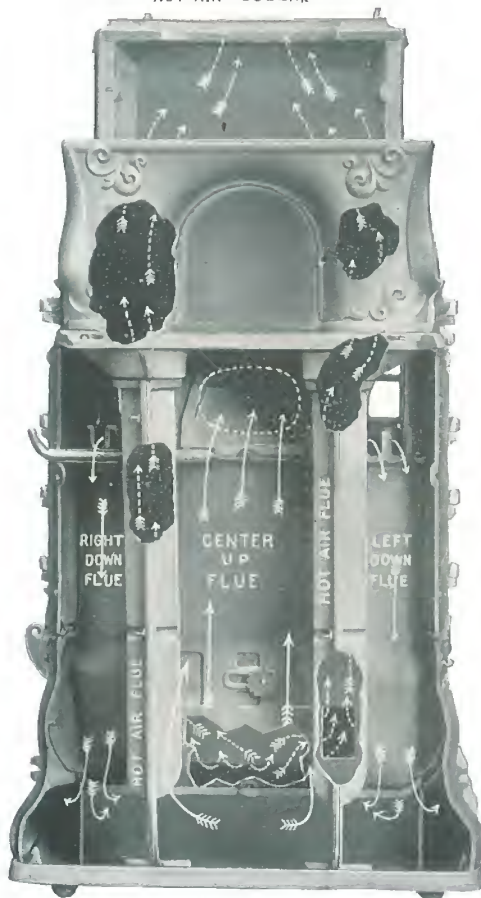
Detailed View of Three-Flue Construction

This illustration shows the COLONIAL from the front with doors, fire-pot, grates and middle back wall removed. The solid white arrows represent the course taken by the flames and the dotted arrows that of the heated air. By noting carefully, you will see that the hot gases (solid arrows) when liberated from the fuel are caused to pass from the fire-pot down through two large flues located in the extreme back corners of the stove. Being at the outside full benefit of the heat these flues radiate is secured all the way down. When these gases reach the extreme base they pass around and through it in a circuitous manner before reaching the center up flue through which they pass on their way to the top of the stove.

(Read additional description next page)

REAR VIEW. MAIN BACK REMOVED.

DOUBLE HEATER
HOT AIR COLLAR



COLONIAL ECLIPSE BASE BURNER

Detailed View of Three-Flue Construction

This illustration shows the back of the COLONIAL. The solid arrows again show how the gases from the flames pass down through the flues at the outside corners and after having circulated through the base pass up and out through the up-flue which occupies the center space at the back of the stove. The whole back of the COLONIAL thus becomes an effective heating surface and it can be seen readily that this three-flue system gives the COLONIAL a great deal more radiating surface than is found on base burners of ordinary makes. The method of heating thus far described has been that of radiation only, and constitutes only a part of the COLONIAL's heating system.

(Read additional description next page)

COLONIAL ECLIPSE BASE BURNER

Details of special double-base construction

This is an illustration of the bottom of the COLONIAL and shows again the location at the back of the stove of the two down flues and the center up-flue. It also shows the two inlets through which cold air is taken from the floor to be heated and later expelled from the top.

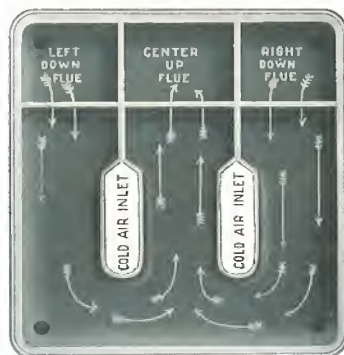
The illustration at the bottom of the page shows a sectional view of the COLONIAL base and makes clear the construction of the special section which gets the benefit of all the heat that in ordinary base burners goes into the ash-pit and is wasted. This exclusive Eclipse device increases the radiating area of the base fully one-third.

The dotted arrows represent cold air which is being drawn from the floor up through the cold air inlets (also shown in Figure 1). It first reaches the special base section (denoted by white arrow at left) which is highly heated since the gases from the flames (white arrows) pass around and under it circulating through the main base proper.

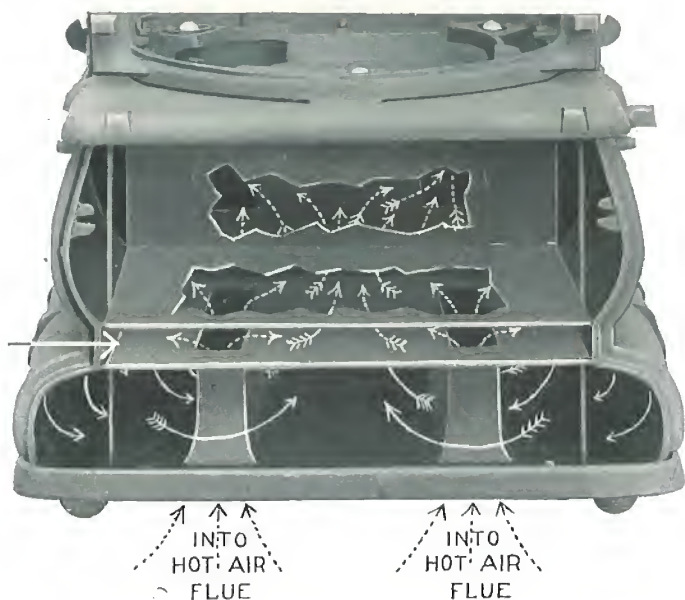
This cold air becomes highly heated here and then passes to the back of the stove and up through two hot air flues which are clearly shown in the illustration on page 27. The dotted arrows (page 27) show how these two currents of heated air converge at the top and either pass out into the room through the double heater collar or are conducted into the upstairs rooms if a pipe for the purpose is attached.

The three-flue construction gives the COLONIAL a much greater radiating surface than ordinarily found. This special base section causes cold air taken from the floor to be heated and in addition to giving the base one-third more heating area, saves heat that ordinarily goes into the ash-pit and is wasted.

Fig. 1.



FRONT
THE MAIN BOTTOM



ECLIPSE

ECLIPSE CIRCULATOR

Illustrated pages 30 and 31. Detailed description pages 32 and 33.

The CIRCULATOR, the latest Eclipse product, is a SPECIALIZED stove—a stove built to perform a definite heating service and to fulfill an insistent demand. It is a soft-coal stove, made attractive in appearance for parlor use, and so built that all the heat generated circulates, thus giving an even temperature to all parts of the rooms to be heated. It is the only stove of its kind made—the only stove that gives hard coal heat at soft coal price. It “Keeps the Heat Moving.”

What It Is The ECLIPSE CIRCULATOR could well be called a “hot air furnace dressed up for parlor use,” for it’s a big soft coal heater placed inside an attractive steel casing which causes the heat generated to circulate. In hot air furnaces soft coal is generally used for fuel and the heating is done by the hot-air circulating method. Likewise in the CIRCULATOR.

Neither a hot-air furnace nor an ordinary soft coal stove would look well in the home, so the front, base, top and doors of this big heater are designed to harmonize with the square effect of the circulating casing to give a stove of unusually handsome appearance. The CIRCULATOR is an attractive, substantial soft coal stove that gives hard coal heat—it does even more, for ALL THE HEAT CIRCULATES.

What It Does With soft coal for fuel this big stove will heat thoroughly several large rooms and when desired a portion of the heat can be conducted to upstairs rooms through a special pipe. This heater’s absolutely tight joints, its close-fitting doors and special hot-blast attachment insure remarkable fuel economy.

The detailed view on page 33 shows how cold air is taken up, intensely heated and then distributed evenly to all parts of the room. With the CIRCULATOR there are no cold corners, no drafty places, no scorching hot spots near the stove. Everywhere there’s an even temperature, for the heat is *kept on the move*.

Why a Soft Coal Stove Each year sees hard coal higher and there’s a real necessity for a satisfactory soft coal heater. Ordinary soft coal stoves heat only a small area—your knees are scorched and your back freezes. But the circulating feature of this newest ECLIPSE heater keeps all the heat on the move and gives even, steady temperature. A soft coal stove that will give even more satisfactory heat than a hard coal burner has at last been realized—it is the ECLIPSE CIRCULATOR. Note these superior points:

1. Burns soft coal and saves at least one-fourth in fuel.
2. Gives heat like a hard coal stove but at soft coal price.
3. Circulates the heat and gives steady uniform temperature.
4. Corners of the rooms just as warm as spots near the stove.
5. Extra-heavy heater, made of pure cast iron, lasts a life time.
6. Extra-tight construction prevents waste and saves fuel.
7. Hot blast ring burns gases that usually escape in smoke.
8. Beautiful, smooth, nickel parts. Unique and handsome design.

ECLIPSE



ECLIPSE CIRCULATOR

Full-Nickeled Form

Read general description page 29, and details of construction pages 32 and 33

This full-nickeled form has the swinging top, dome, pilasters, reflector, foot guards and base of rich, lustrous nickel. It is a particularly handsome stove and makes a very imposing appearance.

No.	Fire-Box	Height Over All	Height to Base of Urn	Weight	Price
288	16-inch	60 inches	50 inches	425 lbs.	\$58.80

ECLIPSE



ECLIPSE CIRCULATOR

Semi-Nickeled Form

Read general description page 29, and details of construction pages 32 and 33

This form of the CIRCULATOR is exactly like that shown on page 30, with the exception of the nickeled trimmings. This semi-nickeled form has sufficient trimmings to give a very harmonious appearance and is an attractive addition to any home.

No.	Fire-Box	Height Over All	Height to Base of Urn	Weight	Price
88	16-inch	60 inches	50 inches	405 lbs.	\$50.00

ECLIPSE CIRCULATOR

Built Like a Furnace—Heats Like One

See pages 29, 30, 31 and 33

Why the Heat Keeps Moving In the sectional illustration on the opposite page the arrows indicate how cold air is drawn from the floor, how it passes up and around the highly heated surfaces between the stove and the casing, and is expelled from the top intensely heated to circulate to all parts of the room. Hot air naturally goes upward and outward. As it travels and cools it settles slowly, being replaced by other currents of hotter air until it reaches the floor when it is again drawn into the bottom of the CIRCULATOR to be re-heated. This process continues automatically and all parts of the area to be heated are constantly supplied with fresh hot air.

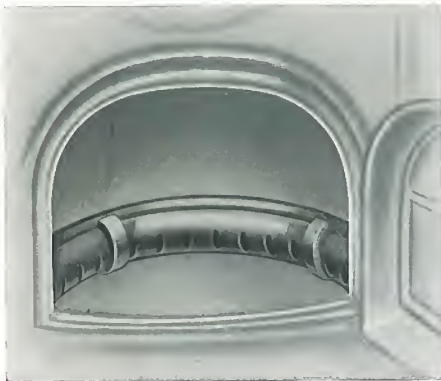
Excellent Materials and Workmanship For the inside or heater part of the CIRCULATOR cast iron is used exclusively and the base, top, main front are of this same material, the castings being smooth, plain and easy to keep clean. The outer part of the stove, the circulating casing, is of best quality blued steel. Silvery white, lustrous nickel trimmings make the stove unusually beautiful.

This big substantial inner heater permits the heaviest firing in extreme weather and always insures an abundance of heat. Being constructed with unusual care this stove is particularly durable—it is built to give a life-time of satisfactory service. There's nothing about it to rust out or wear out—it will last for many years. Only the highest grade of materials are used; the workmanship is unexcelled and in every detail the CIRCULATOR measures up fully to the high ECLIPSE standard which means stove perfection.

The illustration on the opposite page shows how the three parts of the stove proper are bolted together by four outside rods, giving absolutely tight joints that can never open up. The feed box and ash pit doors are carefully ground to prevent leaks. A screw draft supplies air to the hot-blast ring; the ash-pit door has a special tight fitting register door through which the grate is shaken, and the feed box door is fitted with a finely perforated metal shield which prevents smoking of the mica.

Hot Blast Ring Saves Fuel Stopping waste and saving the 38% of heat that ordinarily goes up the chimney is the big problem when soft coal is used. In the ECLIPSE CIRCULATOR the special hot-blast ring (a portion of which is shown in the illustration) secures at least 25% more heat from the fuel. Through the large regular openings which can be seen, jets of hot air are introduced above the flames at a point where they cause the unburned

gases to ignite and burn rather than pass out as smoke. Burning coal that lacks sufficient oxygen to complete combustion gives off a dangerous gas, carbon monoxide—monoxide meaning one part oxygen. When more oxygen is added this gas becomes carbon dioxide (two parts oxygen) a gas that will burn. This special hot blast ring supplies this necessary oxygen and makes the gases burn. It saves many dollars in fuel in a winter.



Hot-Blast Ring

This same economy feature is found on the Mabel Eclipse page 44 and Nancy Eclipse page 45, and on a special attachment for the Frost Killer, page 52.

ECLIPSE



CONSTRUCTION OF ECLIPSE CIRCULATOR

One side of the outer steel casing has been cut away to show the interior of this remarkable heater. It will be seen that the heater part proper is a big, substantial cast iron stove of three parts rigidly held together by exterior bolts and rods. When the stove is erected the joints are filled with putty and the parts then drawn together by these rods. Absolutely air-tight joints are thus secured. The heater being made of pure cast iron can't rust out and is practically indestructible—it will last a life-time. A more durable stove could not be made. At the top the dotted lines indicate the position of the special pipe which can be attached for conducting heat to upstairs rooms. The white arrows show the course of the air currents (read page 32).

ECLIPSE THREE-IN-ONE

(Patent applied for)

Burns Hard Coal, Soft Coal or Wood

Illustrated pages 36 and 37.

The **THREE-IN-ONE** is another of the **ECLIPSE** specialties. It is a distinctive type of combination heater entirely different from any stove made. Being in a class by itself no other stove can approach it in features of economy, durability and convenience. It has every good feature of the best "oak" stove and is an excellent wood burner in addition. It is good any time, any place, and burns many kinds of fuel.

All-the-Year Round Stove The nuisance of putting up a small wood heater for the cold days of early fall and then replacing it later with a heavier stove is done away with by the **ECLIPSE THREE-IN-ONE** which burns hard coal, soft coal or wood. Its long oval fire-box and big doors make possible the burning of chunks and sticks of wood which supply ample heat for the early cold spells. When colder weather comes reversing the grate makes a soft coal heater of the stove and when winter really arrives adding the magazine for proper feeding makes an adequate hard coal burner of the heater.

Good for Any Place The pleasing up-to-date design of the **THREE-IN-ONE** makes it suitable for use any where. Although designed particularly for homes, it is entirely suited for use in stores and offices.

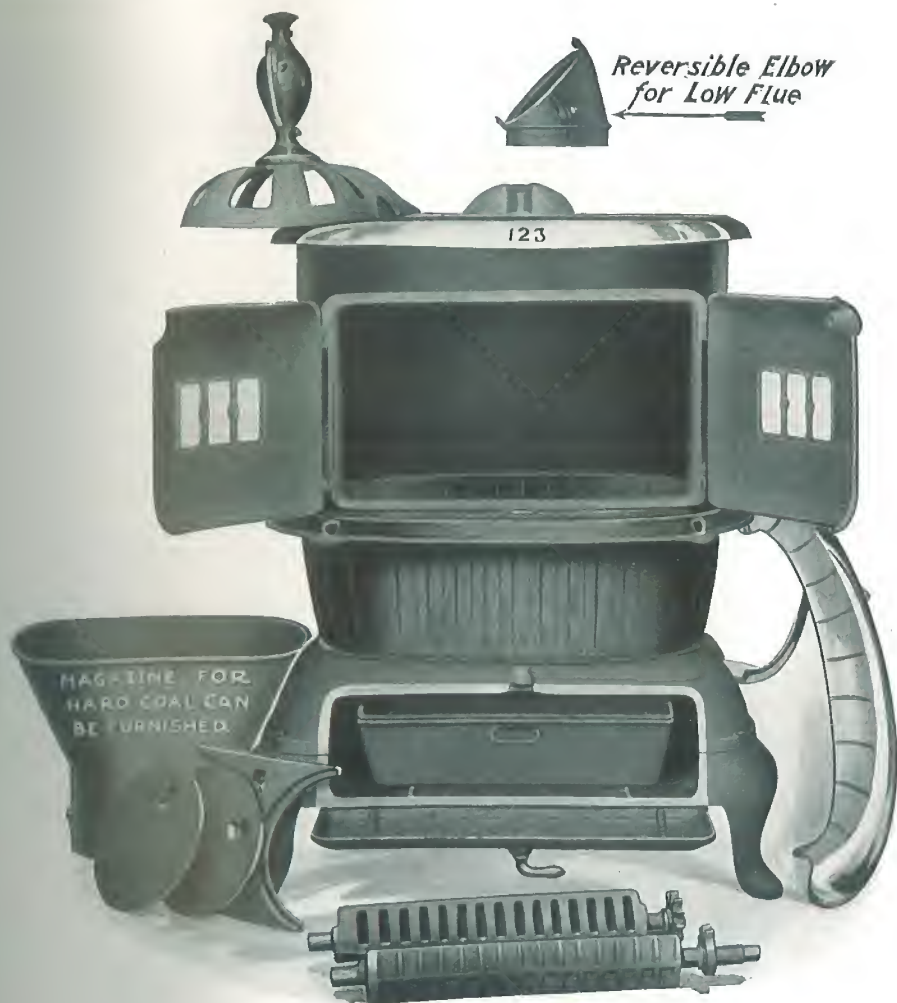
Burns Many Kinds of Fuel In ordinary stoves wood cannot be burned successfully because it stands on end. The big feed doors of the **THREE-IN-ONE** and its long oval fire-box make it possible to burn sticks, chunks and odd pieces flat. A half-turn of the shaker handle reverses the grate from its wood-burning to its coal-burning position and adding the special magazine makes a self-feeding hard coal burner of the stove. Changing from one fuel to another causes no trouble.

Cast Iron Can't Rust The **THREE-IN-ONE** fire-pot is made of pure cast iron which can't rust out. Its nearly vertical sides expose a much smaller area of iron to the hot coals and prevent the collection of ashes which would cause the grates to be burned out. The base, main front, doors and top are also of cast iron and the body is of special quality polished blued-steel.

Built Tight—No Leaks This steel body is joined to the cast iron fire bowl by a special method which prevents the joints from opening up. All bolts and nuts are on the outside and are not exposed to the flames as in ordinary stoves—none can burn off. All other parts are tightly joined and the doors are fitted with great exactness to make the stove tight, which results in a big saving of fuel and makes possible the holding of fire for long periods—18 hours being an easy task for the stove.

A Hand-some Stove The **THREE-IN-ONE** castings are free from frills and deep carvings that catch and hold dirt. These smooth plain surfaces take a polish like satin. Rich, lustrous nickel trimmings add much to the stove's beauty.

1. Big double feed doors and long oval fire-box make the stove an excellent wood burner.
2. A turn of the shaker handle reverses the duplex grate making the stove a coal burner.
3. Feed doors can remain open while fire is burning, giving cheer and warmth like a grate fire.
4. Durable cast iron fire bowl with vertical sides gives stove unusually long life.
5. Special method of joining steel body to cast bowl prevents joints from opening up.
6. Unusually careful fitting of doors and tight construction everywhere saves much fuel.
7. Grate is shaken from side while ash pit door is closed. No dust, dirt or ashes in the room.
8. Extra large ash pan requires emptying only once a day. Ash pit door forms handy shelf.



SECTIONAL VIEW ECLIPSE THREE-IN-ONE

(Patent applied for)

This illustration shows how the big feed doors open up almost the entire front of the stove permitting the burning of sticks and chunks of wood flat. Note that the ash-pit door drops to form a convenient shelf for removing the large, bailed ash-pan, which needs emptying but once each day. The THREE-IN-ONE grate shakes from the side while the ash-pit door remains closed—no dust, dirt nor ashes can possibly get into the room. By a special screw adjustment the ash-pit door can be opened as much or as little as desired, giving evenly distributed draft along the entire grate rather than a blast concentrated at one point. The main top has two eight-inch covers which are particularly convenient many times. When desired the big double doors can be left open giving to the room the warmth and cheer of a grate fire. When the doors are closed the glow of the flames can be seen through the large mica openings.

ECLIPSE



ECLIPSE THREE-IN-ONE

(Patent applied for)

Full-Nickeled Form

Read description pages 34 and 35

No.	Fire-Pot	Size of Feed Door Opening	Size of Ash-Pit Door Opening	Height to Base of Urn	Weight	Price
220	20 inches	18 x 12	17 x 6	40 inches	205	\$30.60
223	23 inches	21 x 12	20 x 6	41½ inches	240	34.50

For Magazine for Hard Coal add.....\$2.00



ECLIPSE THREE-IN-ONE

(Patent applied for)

Semi-Nickeled Form

Read description pages 34 and 35

No.	Fire-Pot	Size of Feed Door Opening	Size of Ash-Pit Door Opening	Height to Base of Urn	Weight	Price
120	20 inches	18 x 12	17 x 6	40 inches	200	\$26.00
123	23 inches	21 x 12	20 x 6	41½ inches	235	29.50

For Magazine for Hard Coal add.....\$2.00

NEW MAPLE

Illustrated page 39

NOTE—The NEW MAPLE, page 39, and the NEW PRIZE, page 40, are very similar and differ only in the construction of the fire-box, as is pointed out in the illustration of the NEW MAPLE fire-box below. The general description applies equally well to both stoves—they are of exactly the same quality, one being a slightly cheaper form of the other, made so by the construction of the fire-box.

The NEW MAPLE and NEW PRIZE are old-time favorites in the ECLIPSE wood heater line, appearing this season in a "new dress." Every feature that has made these stoves so popular in the past has been retained—the changes being in the finish only. They are more handsome in design; the castings are smooth and plain with no deep carvings to catch dirt. These stoves are without superiors in economy, durability and attractive appearance. When you have seen them you'll agree that they are the finest wood heaters made in America.

Tight Construction Saves Fuel In the NEW MAPLE and NEW PRIZE a big saving is made by extra tight construction. The doors are carefully ground and fitted to prevent leaks and a special method of joining the steel and cast parts makes the stoves air-tight.

Cast Iron Lasts Longer Pure cast iron which can't rust out is used for the base, top and main front. The body is of best grade heavy steel. Nuts and bolts which in ordinary heaters are exposed to the flames, in these stoves are protected and reinforced against burning out.

Easy to Operate Not a feature has been overlooked that would make these stoves more convenient. The feed door is extra large and the ash pit and pan are of sufficient size to make the removing of ashes easy. Both stoves have swinging smoke guards, a loose cover in the top and handy lever turn-keys.

Unusually Attractive Instead of the deep carving and ginger-bread work so common to wood heaters these stoves are smooth and plain. The satin finish of the castings coupled with the rich lustre of the nickeled parts give the stoves a neat, graceful and most attractive appearance. Their pleasing design and harmonious finish make them desirable for use anywhere. They add much to the attractiveness of the home and are a great contrast to the unsightly wood heaters of the past. No handsomer stoves are made.



THE NEW MAPLE FIRE-BOX

The heavy cast iron fire bowl and the special method of joining the steel body to it are two features which make the NEW MAPLE so economical. The fire bowl protects the steel from the flames and gives the stove long life. It also radiates heat long after the fire has died down. The body is joined to the bowl by setting the steel into a deep cast iron socket and then bolting through, making an absolutely tight joint that cannot open up.

In the NEW PRIZE instead of a separate fire bowl there are sectional cast iron linings around the entire inside of the body. These are twelve inches high and extra heavy. Thorough protection is given the body by these linings—the flames do not touch the steel.



Straight Bottom Form

NEW MAPLE

Drop Ash Pit Form

Read description page 38

No.	Fire-Box	Feed Door	Drop Ash-Pit Form		Straight Bottom Form		
			Weight	Price	No.	Weight	Price
223	16½ x 23	9 x 12½	170	\$22.50	23	140	\$20.00
225	17½ x 25	9½ x 13	185	24.60	25	160	22.00
227	18½ x 27	9½ x 13	200	26.70	27	175	24.00

Please Note—The Ash-Pit Form, large illustration above, is numbered 223, 225, 227. The Straight Bottom Form, small illustration, is numbered 23, 25, 27. Prefixing the figure "2" indicates that the drop ash-pit form is wanted. Please note this carefully in ordering.



Drop Ash Pit Form

NEW PRIZE

Straight Bottom Form

Read description page 38

In the NEW PRIZE instead of a separate fire bowl there are sectional cast iron linings around the entire inside of the body. These are twelve inches high and extra-heavy. Thorough protection is given the body by these linings—the flames do not touch the steel.

Straight Bottom Form					Drop Ash-Pit Form		
No.	Fire-Box	Feed Door	Weight	Price	No.	Weight	Price
23	16½ x 23	9 x 12½	145	\$18.00	223	180	\$20.50
25	17½ x 25	9½ x 13	165	20.00	225	190	22.60
27	18½ x 27	9½ x 13	175	22.00	227	200	24.70

Please Note—The Straight Bottom Form, large illustration above, is numbered 23, 25 and 27. The Drop Ash-Pit Form, small illustration is numbered 223, 225 and 227. Prefixing the figure "2" indicates that the drop ash-pit form is wanted. Please note this carefully in ordering.

ECLIPSE

ECLIPSE QUICK-SELLING OAKS

Illustrated pages 42, 43, 44, 45, 46, 47 and 48

This complete line of Oak stoves includes six different styles, exclusive in design, very attractive in appearance and having every known feature that insures economy and durability. They are especially adapted to all kinds of soft coal, and to wood. They are free and easy workers—generate heat readily and require but little fuel. The description given below applies to the whole line.

Body A special steel is used for the bodies of the ECLIPSE OAKS. Fourteen kinds had been thoroughly tried and tested before this particular steel was decided upon. It keeps its high finish and even color; will not buckle and is easy to clean.

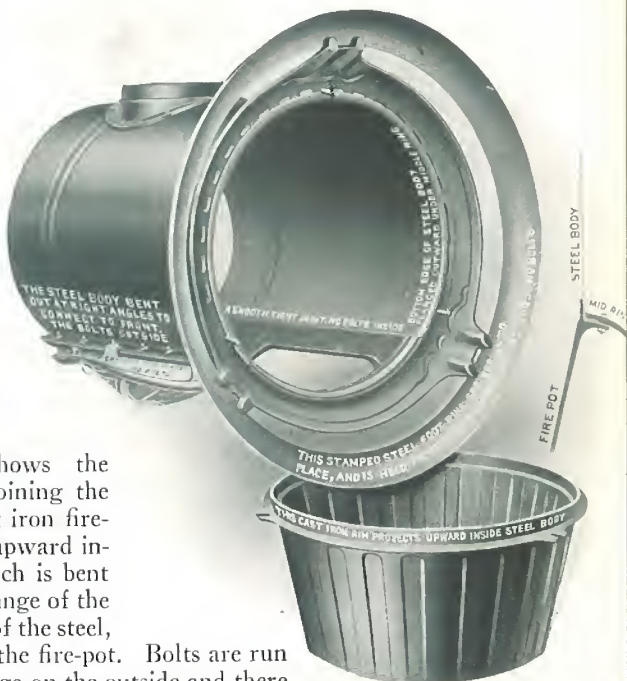
Fire-Pot The sides of the fire-bowl are nearly vertical, giving a larger grate surface—the corrugations make it extra strong, and increase its radiating surface.

Ash Pit Section The ash pit is extra large and deep, allowing for a large ash pan and giving more than the customary amount of space between the pan and the grate, permitting a free circulation of air and preventing the melting of the grates. The base section is made of pure cast iron and is air-tight.

Doors The doors are self-fastening and ground until they fit perfectly tight. The combined poker and check door is located in the feed door. Being concave in shape it permits reaching front of fire-pot with the poker.

Trimmings Silvery white, lustrous nickel is used for the trimmings. The wings and rings can be taken off easily—they hold firmly, yet no bolts are used.

Special Construction This illustration shows the Eclipse method of joining the steel body to the cast iron fire-pot. The rim of the fire-pot extends upward inside the steel body, the bottom of which is bent outward, "L" shaped, and rests on a flange of the fire-pot. The middle ring rests on top of the steel, both being supported by the flange on the fire-pot. Bolts are run through the middle ring, steel and flange on the outside and there are no nuts on the inside of the stove to burn off. The rim of the fire-pot projecting upward on the inside protects the joint, which can't open up, nor get away. In similar manner the steel body is fastened to the main front.



GAS RING BURNER

A gas ring burner can be furnished for the Nos. 15 and 17 Priscilla and Dorothy, pages 42 and 43. The ring fits between the fire-pot and top of base and does not interfere with grates. Coal can be used without removing gas burners since apertures are well protected. See prices pages 42 and 43.



These are for rings tapped and fitted with valve and mixer.



PRISCILLA ECLIPSE

Full-Nickel Form

Read description page 41

This is perhaps the most beautiful style in the whole line. Its swing top, urn, name plate, wings, middle ring, feet, base strip and knobs are nickeled. There are mica openings in the feed doors.

No.	Fire-Pot	Height	Weight	Price
13	12 inches	38½ inches	90 lbs.	\$18.00
15	14 inches	41 inches	120 lbs.	21.00
17	16 inches	44 inches	140 lbs.	24.00
19	18 inches	47 inches	175 lbs.	27.50

With Back Pipe Collar in place of Top Collar at.....same price

Wood Plate to lay on top of Coal Grate add.....\$.50

Gas Ring Burner for No. 15 (see page 41) add..... 3.20

Gas Ring Burner for No. 17 (see page 41) add..... 4.00

For HARD COAL ATTACHMENTS see pages 47 and 48

ECLIPSE



DOROTHY ECLIPSE

Plain Form

Read description page 41

This style is exactly like the PRISCILLA ECLIPSE except that it has fewer trimmings. The urn, top ring, middle ring and turnkeys are nicked and give the stove a very handsome appearance. It has been found to be the most popular form.

No.	Fire-Pot	Height	Weight	Price
13	12 inches	38½ inches	85 lbs.	\$14.50
15	14 inches	41 inches	125 lbs.	17.50
17	16 inches	44 inches	135 lbs.	20.00
19	18 inches	47 inches	170 lbs.	23.00

With Back Pipe Collar in place of Top Collar at.....same price
 Wood Plate to lay on top of Coal Grate add.....\$.50
 Gas Ring Burner for No. 15 (see page 41) add.....3.20
 Gas Ring Burner for No. 17 (see page 41) add.....4.00

For HARD COAL ATTACHMENTS see pages 47 and 48

ECLIPSE



MABEL ECLIPSE

Hot Blast Oak. Full-Nickeled Form

Read description page 41

HOT-BLAST FEATURE—The MABEL is exactly like the PRISCILLA, page 42, except that it is equipped with the Eclipse Special Hot-Blast Attachment which makes it an exceptionally powerful yet economical heater. A tube with apertures in it extends all the way round the top of the fire-pot and is connected in front with a screw register. Through this tube just the proper amount of air for perfect combustion is supplied to the flames, causing gases which ordinarily escape, to burn. See illustration and description page 32.

No.	Fire-Pot	Height	Weight	Price
15	14 inches	41 inches	130 lbs.	\$22.20
17	16 inches	44 inches	150 lbs.	25.50
19	18 inches	47 inches	180 lbs.	29.30

With Back Pipe Collar in place of Top Collar at.....same price
Wood Plate to lay on top of Coal Grate add.....\$.50

For HARD COAL ATTACHMENTS see pages 47 and 48

ECLIPSE



NANCY ECLIPSE

Hot Blast Oak. Plain Form

Read description page 41

HOT-BLAST FEATURE—The NANCY is the plain form of the MABEL, the only difference in the stoves being the amount of nickel trimmings. Like the MABEL the NANCY has the hot-blast attachment which supplies to the flames the additional amount of oxygen necessary for complete combustion. This is accomplished by the hot-blast ring mentioned on the opposite page. On page 32 a complete description of the ECLIPSE hot-blast method is given along with an illustration.

No.	Fire-Pot	Height	Weight	Price
15	14 inches	41 inches	130 lbs.	\$18.70
17	16 inches	44 inches	145 lbs.	21.50
19	18 inches	47 inches	180 lbs.	24.80

With Back Pipe Collar in place of Top Collar at.....same price
Wood Plate to lay on top of Coal Grate add.....\$.50

For HARD COAL ATTACHMENTS see pages 47 and 48

ECLIPSE



ETHEL ECLIPSE

Double Heater Oak. Full-Nickeled Form

Read description page 41

DOUBLE HEATER FEATURE—The **ETHEL** has an extra jacket of highly polished steel outside the main body, providing an air space between. Cold air is drawn into this air space and is highly heated before it passes out the top through the Hot-Air Collar (see illustration next page). A pipe may be attached to this collar and the heat conducted to upstairs rooms, if desired. A rolling damper attachment can also be supplied for the hot-air collar by which the heat can be directed upstairs or out into the main room at will. In finish and trimmings the **ETHEL** is exactly like the **PRISCILLA**, page 42.

No.	Fire-Pot	Height	Weight	Price
15	14 inches	41 inches	125 lbs.	\$23.50
17	16 inches	44 inches	145 lbs.	26.70
19	18 inches	47 inches	180 lbs.	30.50

With Back Pipe Collar in place of Top Collar at.....same price
 Wood Plate to lay on top of Coal Grate add.....\$.50

For **HARD COAL ATTACHMENTS** see pages 47 and 48

ECLIPSE



ISABEL ECLIPSE

Double Heater Oak. Plain Form

Read description page 41

DOUBLE HEATER FEATURE—This illustration shows in detail the construction of the ISABEL and ETHEL. An extra steel casing is built around the regular body of the stove with an open air space between, into which cold air from the floor is drawn to be heated by passing over the hot surfaces of the inner body of the stove. It is expelled from the top through the hot-air collar to upstairs rooms, or into the main room as desired.

No.	Fire-Pot	Height	Weight	Price
15	14 inches	41 inches	120 lbs.	\$20.00
17	16 inches	44 inches	140 lbs.	22.70
19	18 inches	47 inches	175 lbs.	26.00

With Back Pipe Collar in place of Top Collar at.....same price

Wood Plate to lay on top of Coal Grate add.....\$.50

MAGAZINE FOR HARD COAL (Easily attached to any of Oak line.)

No. 15	No. 17	No. 19
\$2.00	\$2.00	\$2.00

For other **HARD COAL ATTACHMENTS** see page 48

ECLIPSE

HARD COAL ATTACHMENTS FOR ECLIPSE OAKS

These features can be attached to any of the Quick-Selling Oak line illustrated and described pages 41, 42, 43, 44, 45, 46 and 47.

A long joint of pipe (as illustrated) is attached to the stove. Down the center of this pipe nearly to the bottom is a cast dividing flue plate which compels the heat from the fire chamber to pass down and around it before going out the flue.



There is a damper for direct draft and a clean-out at the bottom. Smoke pipe can be attached at top or back. Prices:

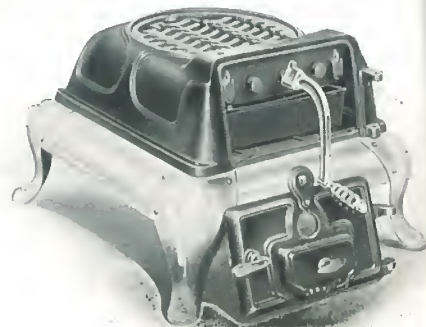
	Add
To No. 15....	\$3.20
To No. 17....	3.40
To No. 19....	3.60

SPLIT BACK PIPE attached to PRISCILLA ECLIPSE

TRIANGULAR BAR GRATE

This grate can be furnished for the three larger sizes of any of the Eclipse Oak line. In connection with the split back pipe and magazine, this grate converts any of the line into a very adequate hard coal burner. Its triangular-shaped bars rotate together when shaken. The construction of the shaker crank and opening for it is such that the grate always must be in the proper position (flat-side-up) before the shaker can be withdrawn. Prices:

To No. 15 size add.....	\$2.30
To No. 17 size add.....	2.60
To No. 19 size add.....	3.20





BEST OAK

A Good Low-Priced Leader. Guaranteed Satisfactory.

The BEST OAK is an excellent value for the money. Its body is of high-grade steel of good weight and uniform color. The corrugated fire-pot is extra strong—the corrugations giving much greater radiating surface. All castings are of pure cast iron, carefully selected and well-finished. The screw drafts and doors fit tightly, preventing leaks.

No.	Diameter	Height to Urn Base	Weight	Price
11	10 inches	32 inches	55 lbs.	\$ 8.60
13	12 inches	34½ inches	70 lbs.	11.00
15	14 inches	37½ inches	95 lbs.	13.90
17	16 inches	42 inches	125 lbs.	16.70

FROST KILLER

Heavy Cannon Stove

Illustrated page 51. Described pages 52 and 53.

The FROST KILLER heavy cannon stove is the most popular heater of its type manufactured in this country. It enjoys an unusual sale—sufficient to keep a special department of our large factory busy the year 'round. It is built for PLACES HARD TO HEAT and heats them—it makes good when others fail. The fact that the FROST KILLER is used by a large number of railroad and express companies is absolute evidence of its worth. A stove could receive no harder service anywhere than in railroad stations, offices and cars. The FROST KILLER has filled every railroad requirement and ordinary heating tasks are easy for it.

Tight Construction No bolts or rods are used to connect the parts of the FROST KILLER, yet the stove is unusually tight. The illustration on page 53 shows how one unit builds up on another. Their flanges and tongue and groove joints are so carefully milled that the weight of a section resting on the one beneath gives a joint that is practically air-tight. There are no air-leaks—no waste and the absence of connecting rods, which in stoves of ordinary make soon burn off, gives the FROST KILLER much longer life. The doors are carefully fitted to prevent waste and in the dome a deflecting plate prevents the flames from passing directly out, insuring more heat from the fuel.

Superior Materials A blend of the best Northern and Southern pig irons is used in making the FROST KILLER. The flawless castings are nearly an inch thick and are guaranteed not to rust out or wear out. The nearly vertical sides of the fire-pot prevent the collection of ashes which would soon cause the walls to burn through. The extra heavy shaking and draw center grate is made of special material which insures long life. This stove will last a life-time—there will be no yearly demand for repairs. It saves money.

Convenient Features Instead of the back-breaking pulling and tugging usually necessary in shaking the grate of a big stove, the FROST KILLER grate is shaken with little exertion. It rolls on ball bearings and operates easily. A large ash pit, pan and door make cleaning out easy, and no dust or dirt can sift through the closely-fitting parts. The FROST KILLER castings are smooth and plain, free from deep carving and gingerbread work. They are easy to clean and keep clean. On the feed door there is a large nickeled screw check draft. The ash pit door has a special draft register equipped with a convenient device for regulating the amount of draft. The grate is also shaken through this special register. All registers are tight-fitting, quick-acting and easy to operate.

1. Pure cast iron gives FROST KILLER long life. It can't rust out and won't wear out—will last a life time.
2. Weight of one section resting on another holds parts together. No rods or bolts are used—consequently none can burn off.
3. Carefully fitted joints prevent waste. Heavy cast iron retains heat. Both save fuel and make keeping fire over night or even longer an easy matter.
4. Nearly vertical fire pot sides prevent ashes collecting which would cause walls to burn through. No yearly repair bills.
5. Grate rolls on ball bearings—no tugging or pulling necessary. Dust and ashes cannot sift through tight-fitting doors.
6. Deflecting plates in dome retard escape of flames—more heat from same fuel. The smooth plain castings, easily cleaned, save time and labor.



FROST KILLER

Heavy Cannon Stove

Read description pages 50, 52 and 53

No.	Fire-Pot	Height	Weight	Stove Without Drum	With "A" Drum	With "B" Drum
216	16 in.	49 in.	290 lbs.	\$24.30	\$27.30	\$29.70
218	18 in.	51 in.	330 lbs.	30.90	34.30	37.00
220	20 in.	53 in.	400 lbs.	36.40	40.10	43.10
224	24 in.	57 in.	720 lbs.	55.10	60.00	63.40

Giant Hot Blast Ring for No. 220 (see page 52) add.....\$8.30

Magazine for Hard Coal for No. 220 and No. 224 add..... 4.20

Note—Drum "B" is illustrated on page 52 and Drum "A" is exactly like "B" except that it does not have the deflecting plates. These drums increase the height of the stoves 20 inches and are slightly larger in diameter than the fire-pots.

FROST KILLER

Economy Features

See illustration page 51. Read description page 50.

Deflecting Plate

This illustration shows the interior of the top section of the FROST KILLER. The deflecting plate retards the progress of the flames, for they must pass around it before they reach the smoke outlet. The flames remain in the stove for a slightly longer time and their contact with this plate secures more heat. Fuel is saved in addition. This dome section containing the deflecting plate is regular equipment in all sizes of the FROST KILLER.



Detail of Dome Section

Drums— Styles "A" and "B"

For those who desire them, special drums are furnished for the four sizes of the FROST KILLER. The illustration shows the special drum Style "B" in place between the two parts of the top section.

Inside this drum, as can be seen, there are two heavy cast deflectors or baffle plates, which in connection with the deflecting plate in the top section proper, cause the flames to be retarded. Their circulation is increased and as they come in contact with the deflecting plates heat is absorbed and the stove's radiating area increased. These drums get more heat from the fuel. They are furnished only when especially ordered. Note prices page 51.



Style "B" Drum

Style "A" Drum is similar to Style "B" and differs only in that it is not equipped with the deflecting plates.



Hot Blast Ring

Giant Hot-Blast Ring

The No. 220 FROST KILLER can be fitted with a special Hot Blast Ring if desired. This ring has a register in front through which air is taken and introduced over the flames through large, even apertures. This air is necessary for complete combustion, that is, it helps produce a fire in which all the gases are burned and there is practically no soot or smoke. (The hot-blast principle is illustrated and described on page 32.) This ring fits upon the top of the fire pot, resting between it and the door section. No bolts are required to hold it, and all that is necessary to install it is to lift up the door section, slide the ring in place and replace the door section on top the ring. See page 51 for prices for this attachment.

ECLIPSE

FROST KILLER

Details of Construction

Illustrated page 51. Described pages 50 and 52.

Castings

Northern and Southern pig irons of best quality are carefully blended for the FROST KILLER castings. Rigid inspection insures perfect castings and all are smooth and plain, free from deep carvings.

Joints

All flanges and the tongue and groove joints are carefully milled making tight joints. No bolts or rods are used and consequently none can burn off—the weight of one unit resting on that below is sufficient to hold parts of the stove together and to give tight joints.

Fire-Pot

The sides of the fire pot are nearly vertical. Ashes cannot collect and there is no danger of the walls or grates burning through as a result. The fire pot castings are nearly an inch thick—they cannot rust out and once this mass of iron is thoroughly hot, heat is radiated long after the fire has died down.

Ash Pit

The ash pit is large and contains an extra sized bailed ash pan, which makes the removing of ashes easy.

Grate

A special mixture of irons is used for the grate which is of the shaking and draw center type. It rolls on ball bearings and instead of the tugging and pulling necessary when the grate of an ordinary big stove is shaken, the FROST KILLER grate operates easily and with no exertion.

Doors

All doors are tightly fitted to prevent leaks. The feed door has a screw check draft and in the ash pit door a special draft register is provided, which supplies air to the flames and through which the grate is shaken. The feed and ash pit doors are unusually large. Note these sizes:

No.	Feed Door	Ash Pit Door
216	8½ x 9 inches	14 x 6½ inches
218	9 x 10 inches	15 x 6½ inches
220	10 x 11 inches	17½ x 6½ inches
224	10 x 11 inches	22½ x 7 inches

Few Parts

Counting even the smallest pieces there are only 23 parts in the FROST KILLER. This illustration below shows these 23 parts and also indicates how easily the FROST KILLER can be put up or taken apart. No bolts or rods are required—just placing one unit on top another is all that's necessary.





OAKWOOD ECLIPSE Regular Height

The OAKWOOD is a strong, powerful oak that will burn either coal or wood. It is particularly adapted to use in stores, halls and large rooms of any description, and is constructed to withstand the most severe service. From the fire-pot down the OAKWOOD is the same as our famous FROST KILLER heavy cannon stove (see pages 50, 51, 52 and 53). Above the fire-pot it is constructed like an oak, having a heavy gauge polished steel body and cast iron main front. The large double feed door is particularly convenient. Special cast corrugated linings six inches high encircle the top of the fire-pot and protect the lower part of the steel body where it joins the fire-pot.

No.	Diameter	Height	Feed Door Opening	Weight	Price
22	22 inches	59 inches	12 x 18	380 lbs.	\$38.90

ECLIPSE



OAKWOOD ECLIPSE

Extra High Body Section

Read description page 54

This form of the OAKWOOD is exactly like that shown on page 54, except that the body section is higher. This additional section contains a series of deflecting plates which retard the flames and get more heat from the fuel.

No.	Diameter	Height	Feed Door Opening	Weight	Price
22	22 inches	71 inches	12 x 18	400 lbs.	\$43.60

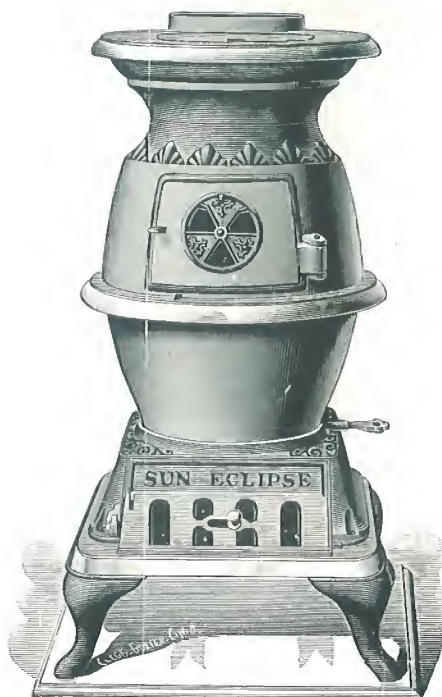


STERLING ECLIPSE

Standard Cannon Stove

The STERLING is a neat, attractive cannon stove having many desirable features. It is tightly built, preventing leaks and making it an excellent fire-keeper. The door barrel section is joined to the fire-pot by outside bolts—the bolts cannot burn off nor the joints open up. The fire-pot is corrugated, giving greater strength and more radiating surface. The strong draw center grate shakes the ashes into an extra big ash-pan.

No.	Fire-Pot	Height	Weight	Price
11	9½ inches	27½ inches	65 lbs.	\$ 8.00
13	11½ inches	30½ inches	80 lbs.	9.70
15	13½ inches	34 inches	110 lbs.	12.00
17	15½ inches	37½ inches	130 lbs.	14.20
19	17½ inches	40½ inches	170 lbs.	16.60

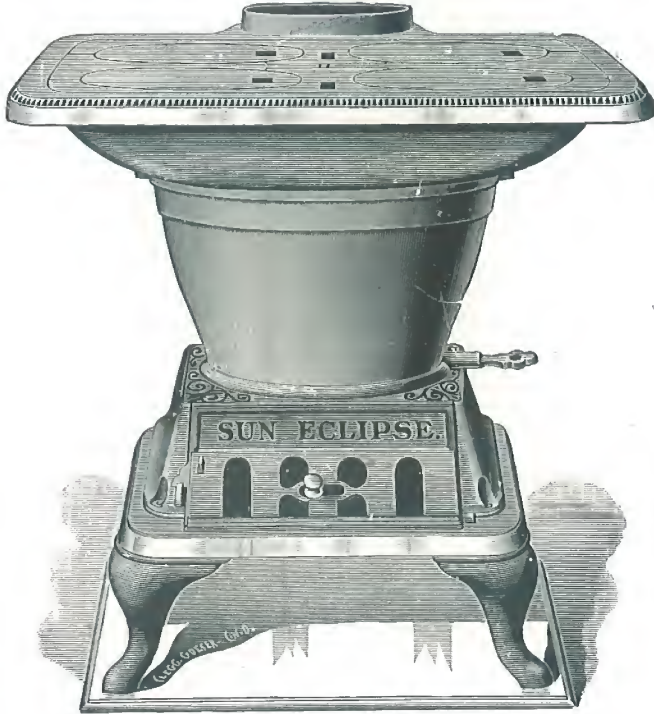


SUN ECLIPSE

Junior Cannon

This SUN ECLIPSE is a very efficient small cannon stove. The materials used in its construction are of the very best and especial care is taken to make it tight. The swinging feed and ash-pit doors each have a register. The grate is of the shaking and dumping type.

No.	Diameter Bowl	Diameter Grate	Height	Weight	Price
4	10 inches	6 inches	23 inches	40 lbs.	\$6.50
5	11 inches	6½ inches	25 inches	50 lbs.	7.00
6	12 inches	7½ inches	27 inches	65 lbs.	8.30
7	13 inches	9 inches	31 inches	75 lbs.	9.40

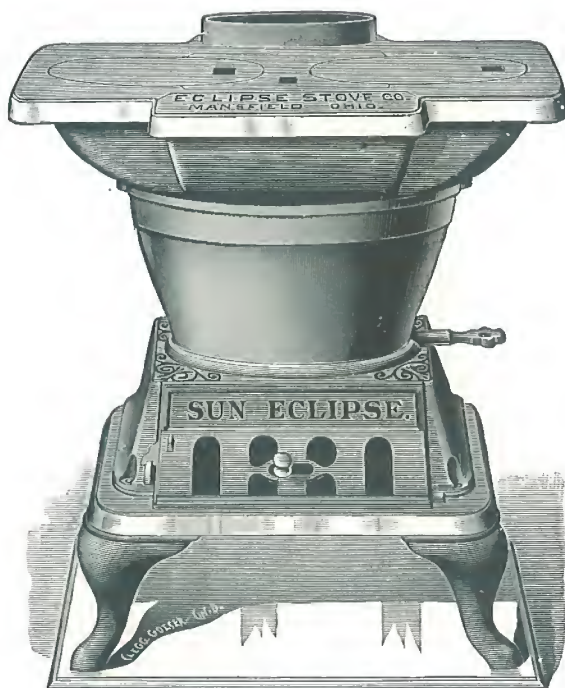


SUN ECLIPSE

Four-Hole Laundry

This stove has four 8-inch covers and the flames are evenly distributed under all four. It has a shaking and dumping grate; is built of excellent materials and measures up fully to the Eclipse standard of construction. It is particularly suitable for laundry and tailoring purposes.

No.	Diameter Grate	Top Surface	Height	Weight	Price
15	9 inches	22½ x 22½	25 inches	95 lbs.	\$10.80



SUN ECLIPSE

Two-Hole Laundry

This is a slightly smaller size of the SUN ECLIPSE and has two full-sized 8-inch covers. It is designed particularly for laundry purposes; has a pouch feed and shaking and dumping grate. Well built of excellent materials.

No.	Diameter Grate	Top Surface	Height	Weight	Price
8	7½ inches	20 x 12	24 inches	70 lbs.	\$8.30



SUN ECLIPSE

Two-Hole Laundry

This form of the SUN ECLIPSE is made particularly for laundry and tailoring purposes. Its fire-pot is eight-sided, equipped with convenient holders for heating irons against the flat surfaces. There are two 8-inch covers in the top; the shaking and dumping grate is strong and of best materials; the stove has a pouch feed and is an unusual value at a low price.

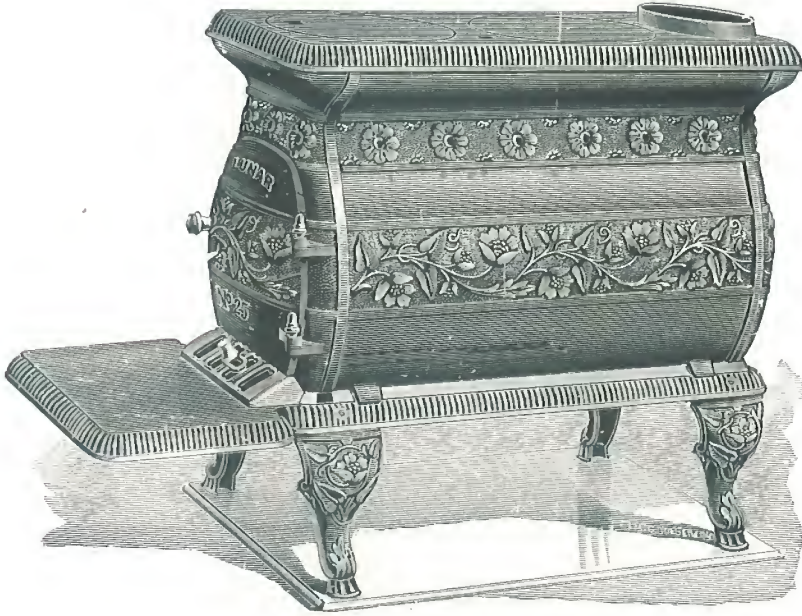
No.	Diameter Grate	Top Surface	Height	Weight	Price
88	7½ inches	20 x 12	24 inches	80 lbs.	\$9.00



SUNBEAM ECLIPSE

The SUNBEAM is a somewhat cheaper form of laundry stove and is a big bargain. It has two 8-inch covers, a shaking and dumping grate and pouch feed. It is well constructed throughout.

No.	Diameter Grate	Top Surface	Height	Weight	Price
28	6 inches	20 x 11½	19½ inches	45 lbs.	\$5.30
38	7½ inches	20 x 11½	21½ inches	55 lbs.	6.20

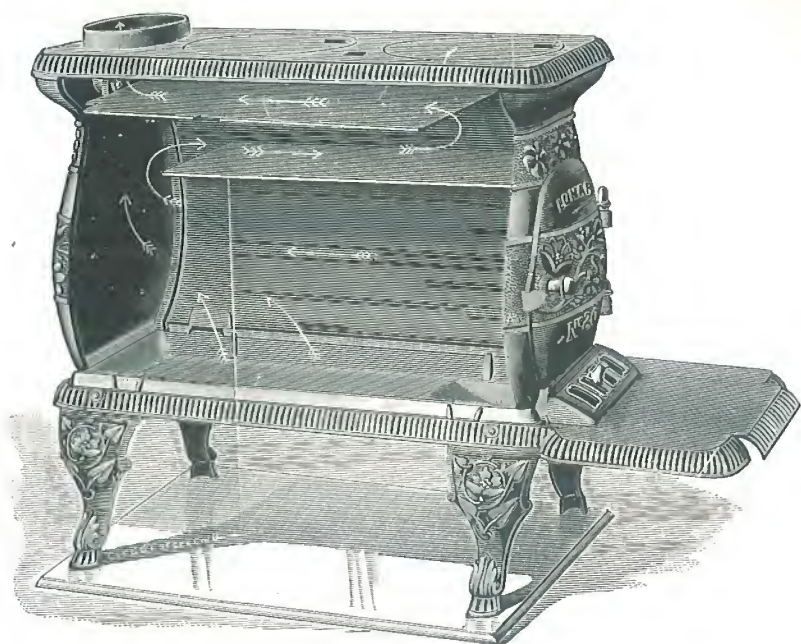


LUNAR ECLIPSE

Without Flue Plates

The LUNAR is a very heavy substantial box stove especially adapted for use in large halls, lumber camps, etc. Its shape makes it very strong and not liable to fire crack. Short bolts are used in mounting the stove and all are on the outside. It has a sliding hearth with register. The covers and centers are extra heavy. A swing-off top can be furnished if specially ordered. In the larger sizes the sides are made in two pieces, preventing possible cracking or warping.

No.	Length of Wood	Weight	Price
18	18 inches	75 lbs.	\$ 6.90
22	22 inches	105 lbs.	8.40
25	25 inches	125 lbs.	9.70
28	28 inches	150 lbs.	12.50
31	31 inches	190 lbs.	15.30
36	36 inches	250 lbs.	19.40



LUNAR ECLIPSE

With Flue Plates

A special form of the LUNAR is made with flue plates as is shown in the above illustration. These two plates greatly increase the heating capacity of the stove and make a saving in fuel. They throw the heat directly under the two lids in the main top. In other details this stove is exactly like the LUNAR ECLIPSE, page 62. This special form is not shipped unless specified particularly.

No.	Length of Wood	Weight	Price
22	22 inches	115 lbs.	\$ 9.70
25	25 inches	135 lbs.	11.30
28	28 inches	165 lbs.	14.60
31	31 inches	220 lbs.	18.10
36	36 inches	280 lbs.	22.90

ECLIPSE

OZONO ECLIPSE SCHOOL HEATER

Illustrated pages 65 and 67. Described page 66.

The recent enactment of very rigid laws relative to school heating and ventilating by a large number of States has caused very close attention to be given to the apparatus for this purpose. The OZONO ECLIPSE school heater was first known as the OHIO OZONO since it was built to conform strictly to the unusually exacting laws set down by that State. Investigation has brought out the fact that a heater that conforms to OHIO laws will be in accord with the requirements of any of the other States and to avoid confusion the OHIO OZONO is now known as the OZONO ECLIPSE. It meets every heating and ventilating requirement of any of the States and has the approval of the Department of Inspection of Workshops, Factories and Public Buildings of the State of Ohio.

Proper Ventilation Essential The evils of improper ventilation are well known. Probably in no other place are the effects so harmful as in the school room where a large number of active growing children are confined in a small space. The oxygen in the air quickly becomes exhausted and unless some means is provided for renewing the supply, the air becomes extremely harmful—one pupil breathes that which another has just exhaled.

A Stove Does Not Give It A common stove cannot ventilate—it cannot maintain an even, steady temperature. Even if permitted by law a stove would be entirely unsatisfactory, for a room so heated is either too hot or too cold and is seldom comfortable.

The Ozono Eclipse Does The OZONO ECLIPSE heats and ventilates perfectly. It supplies to each child an abundance of pure fresh air; it removes from the room all foul and cold air; it increases the efficiency of both pupils and teacher—they can do more and better work under healthful, sanitary conditions; it does away with cold floors and allows the seating of the children close to the heater without fear of overheating; it saves fuel.

Easy to Install In most rural schools a furnace is impossible because it requires a basement. The OZONO ECLIPSE is installed in the room—does not require a basement. Its initial cost is moderate and it is economical to operate. It is the logical heating and ventilating plant.

Has Other Uses Although designed particularly for schools the OZONO ECLIPSE can be used in churches, halls, lodge rooms or any large room where people congregate.

THE STATE OF OHIO APPROVES

State of Ohio

DEPARTMENT OF INSPECTION OF WORKSHOPS, FACTORIES
AND PUBLIC BUILDINGS

Columbus

The Eclipse Stove Co., Mansfield, Ohio.

Jan. 28, 1913.

Gentlemen:—Confirming Mr. Redding's report while in Mansfield with reference to the inspection of your OZONO ECLIPSE school heater installed in the school building in District No. 9, Madison Tp., Richland Co., permit me to state:

That a careful inspection was made of the system in this building and it was found that the construction and installation of the heater complied with the requirements of the State Building Code and this Department. The room was uniformly heated and the anemometer test which was made showed that the vent flue was efficient and that the required air change in the room was at the same time accomplished as required by law. We are satisfied that your heater will fulfill all requirements of the law, if installed in accordance with the rules laid down by this Department.

Very truly yours,

(Signed) T. P. KEARNS, Chief Inspector.

Write for special catalog giving complete details.



OZONO ECLIPSE SCHOOL HEATER

Exterior View

Read pages 64, 66 and 67

This view shows how convenient it is to fire the OZONO ECLIPSE. The feed door is big and opens up to the fire like a furnace feed door. It is not necessary to open the ash-pit door to shake the grate. The small draft register shown also provides an opening for the shaker. No dust or dirt gets into the room. The ash-pan is large. Every part is tightly built and the OZONO ECLIPSE holds fire over night easily—the room is always warm and comfortable in the morning.

No. 320. List price.....\$ 95.00
 No. 324. List price..... 120.00

Write for special catalog giving complete details

OZONO ECLIPSE SCHOOL HEATER

Details of Construction

See pages 64, 65 and 67

Inner or Heater Part The inner or heater part of the OZONO ECLIPSE is of exactly the same construction as the FROST KILLER heavy cannon stove illustrated and described on pages 50, 51, 52 and 53.

It is made of pure cast iron which can't rust out and will last a life-time. The fire-pot walls are nearly an inch thick—vertical rather than flared, which gives a greater fuel capacity and exposes a smaller area of iron to the hot coals. Ashes cannot collect and cause the walls to burn through.

The draw center grate is extra strong—heavy yet easy to operate, for it rolls on ballbearings. No tugging or pulling is necessary. The work is made much easier and the strains and twists which shorten the life of a grate are done away with.



Triple Casing

The ash pit is wide, deep and fitted with a large bailed ash-pan. In the door a special draft register gives air to the fire and provides a place for shaking the grate while the ash pit door is closed. No dust nor dirt can get into the room.

The baffle plate and steel radiating drum in the dome utilize all the heat and much more good is obtained from the fuel.

Outer Casing The illustration shows the construction of the outer casing which causes the hot air to circulate and prevents direct radiation, making it possible for pupils to be seated near the heater and yet not become over-heated. The inner wall of this casing is of cold-rolled steel lined with thick asbestos. Between this and the outer wall there is a $\frac{3}{4}$ -inch non-radiating air space and the outer wall is of polished blue steel. This casing keeps the temperature near the stove the same as that of other parts of the room.

Water Pan In order that the air will not become too dry a little moisture is necessary and in the OZONO ECLIPSE this is supplied by a water pan or humidifier which is located inside the casing just below the feed door. It is convenient to fill and has a capacity of three gallons. With water always in the humidifier there is no danger of the air becoming too dry.

Floor Tray A galvanized iron, asbestos lined tray is furnished with the OZONO. It catches dirt that might drop to the floor when firing the stove or removing the ash pan and serves as a protection should hot coals for any reason fall to the floor. It makes cleaning under the OZONO easier also.

Capacity The OZONO is built in two sizes: No. 320 with 20-inch fire-pot, and No. 324 with 24-inch fire-pot. The No. 320 is of ample size for rooms under 14,000 cubic feet, but the No. 324 should be specified for larger rooms.

	No. 320	No. 324
Inside diameter of fire-pot.....	20 in.	24 in.
Height from floor to top of casing.....	62 in.	68 in.
Diameter of casing.....	36 in.	42 in.
Height of inside drum of radiator.....	15 in.	15 in.
Size of feed door.....	10 x 11 in.	12 x 13 in.
Size of cold air intake opening.....	256 sq. in.	400 sq. in.
Weight	630 lbs.	975 lbs.

ECLIPSE



OZONO ECLIPSE SCHOOL HEATER

Read pages 64, 65 and 66

The straight arrows indicate the course taken by the fresh air as it is drawn from the outside through the fresh air intake and passed up between the heated surfaces of the stove proper and the exterior casing. As it moves over the hot portions of the stove it absorbs heat and rises, passing out the top of the casing to be circulated to all parts of the room. As it travels it cools and settles to the floor to be drawn out through the foul air extractor which is located in the base of the chimney (see special literature). This circulating operation is continuous, fresh air being drawn in from the outside, heated, circulated and then drawn out as foul air. The wavy arrows indicate the action of the heat and flames inside the stove proper. It will be noticed that they are detained by the deflecting plate in the dome and much more heat is secured from them.

OZONO ECLIPSE ROOM HEATER

Illustrated page 69

The problem of maintaining an even temperature, which is always encountered in school room heating, also often gives much trouble in the heating of store rooms, lodge rooms, halls or other large rooms where heat is needed in abundant quantities. In these places there is more natural ventilation, consequently that feature of the OZONO ECLIPSE SCHOOL HEATER, by which fresh air is brought from the outside, is not so important as it is in school room heating. The OZONO ECLIPSE ROOM HEATER, which is similar to the SCHOOL HEATER in every way except that it does not bring in fresh air, has been found to be a remarkable heater for such places and each year sees more and more of these systems installed in stores, amusement places, work shops and other large rooms where steady heat is necessary.

Many times a big heater that will evenly warm a large room is desired and the OZONO ECLIPSE school heater described pages 64, 65, 66 and 67 is not practical on account of its ventilating attachments. For lodge rooms, churches and halls or other large rooms we have designed the OZONO ECLIPSE ROOM HEATER which differs from the school heater only in that it does not take its supply of air for heating from the outside and does not extract the air after it has been used.

This room heater gives very satisfactory heat for large rooms such as mentioned above because of its circulating feature. Cold air is drawn from the floor of the room and is passed over the intensely hot surfaces of the inner heater, passing up between the inner heater and the outside casing. After becoming thoroughly heated the air currents pass out the top of the casing and circulate to all parts of the room. As they travel they become cold and settle to the floor to again be drawn into the casing and re-heated.

A continual flow of heated air is the result and corners of the rooms are uniformly heated the same as spots nearer the stove. The whole room is maintained at an even temperature.

The outer casing prevents direct radiation from the stove proper and makes it possible to sit near the stove without fear of over-heating. The circulating feature also permits the placing of the heater in the corner of the room and it is not necessary that the OZONO be centrally located in order to evenly heat the room.

The principle of circulating the heated air is the same with the OZONO ROOM HEATER as it is with the SCHOOL HEATER and in all details of construction the two are exactly alike with the exception of the ventilating features as mentioned above. Both have the well-known FROST KILLER heavy cannon stove for their inner or heater part.

The success of this circulating principle as employed in the SCHOOL HEATER and ROOM HEATER lead to the bringing out of the ECLIPSE CIRCULATOR, a brand new stove illustrated and described on pages 29 to 33.

It is a stove that heats in exactly the same manner as the ROOM HEATER but is somewhat smaller and is constructed more elaborately and handsomely since it is primarily designed for use in homes. Should a heater of the circulating type be desired for small store rooms the CIRCULATOR would be found very desirable.

ECLIPSE

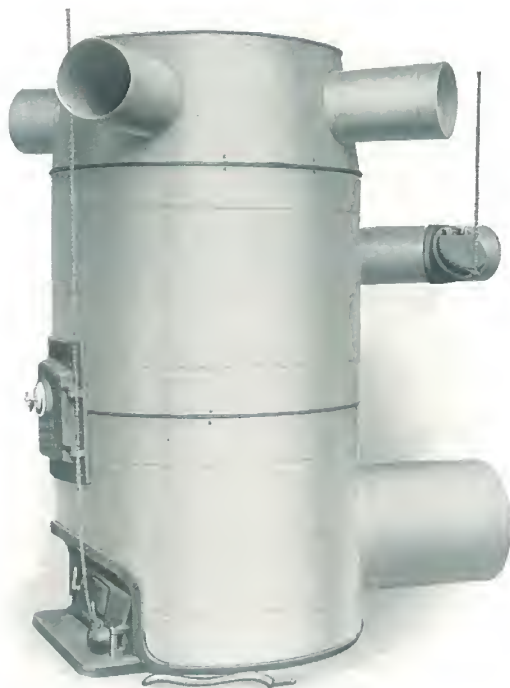


OZONO ECLIPSE ROOM HEATER

Described page 68

It will be seen that the OZONO ECLIPSE ROOM HEATER shown above is very similar to the OZONO ECLIPSE SCHOOL HEATER illustrated on pages 65 and 67 and described pages 64 and 66. The room heater however is not equipped with the ventilating attachments, that is, with the fresh air pipe for bringing air for heating in from the outside, nor with the foul air extractor. It does not have the water pan, but in all other details of construction the heaters are exactly similar. Each has the well-known FROST KILLER stove for its inner or heater part.

No. 320.	List price.....	\$69.50
No. 324.	List price.....	93.00



RADIUM ECLIPSE

Warm Air Furnace

The RADIUM is a thoroughly satisfactory warm air furnace burning hard or soft coal, coke or wood. It is a particularly good furnace for the hardware or stove dealer and fits in well with a line of stoves due to its very moderate cost. It is thoroughly well made, capable of standing the most severe usage and is economical to operate. The RADIUM is low in first cost and when installed complete costs the home-owner but little more than he would pay for a strictly high-grade base burner. It is made in two sizes as listed below. The No. 20 will heat a six or seven-room house satisfactorily in most severe weather, and the No. 24 will furnish sufficient heat for houses much larger. The above illustration shows the RADIUM complete just as furnished, except that we do not place the hot-air pipes in the dome. The dome is furnished solid so that as many pipes can be connected to it as are necessary and they can be located wherever desired. In some instances the RADIUM is desired without casing. Prices for the furnace with and without casing are given below.

No.	Diameter Fire-Pot	Diameter Casing	Total Height	Height of Dome	Weight	List Price
20	20 in.	36 in.	70 in.	14 in.	638 lbs.	\$74.50
24	24 in.	42 in.	76 in.	14 in.	870 lbs.	98.00
No. 20. Complete, less casing.....						\$54.50
No. 24. Complete, less casing.....						76.00



RADIUM ECLIPSE

Sectional View

Read page 70

This illustration shows the inner or heater part of the RADIUM. It will be seen that the RADIUM is adapted from the FROST KILLER heavy cannon stove illustrated and described on pages 50, 51, 52 and 53. It is made entirely of pure cast iron which will not rust out; no bolts or rods are used in joining the parts and there is none to burn off. All parts are tight-fitting, preventing leaks and saving fuel. The castings are extra-heavy, will not burn out and when once thoroughly hot they radiate heat for a long time after the fire has died down. Deflecting plates in the dome retard the progress of the flames and secure from them a great deal of heat that ordinarily escapes. The casing of the RADIUM is of three thicknesses (see page 66). The inner is of cold-rolled steel; then comes a layer of thick asbestos and the outer casing is of heavy galvanized iron. This triple casing confines all the heat generated and prevents it being radiated out into the cellar where it is not needed.

Two forms of the RADIUM are furnished: one, complete with casing as illustrated page 70; the other complete, less casing, also listed page 70.



PREMO ECLIPSE GAS RANGES

Send for special catalog

This illustrates Style "A" equipped with white enameled splash plates around the cooking top. These plates add much to the appearance of the ranges and lessen the housewife's work. The white enameled drip and broiler pans illustrated are standard equipment on all the ranges. This style occupies 49 x 28 inches of floor space; can be furnished with either right or left oven and with glass oven door panels if desired.

The PREMO ECLIPSE line leads in attractive design and appearance, in features of safety and convenience, and cannot be surpassed in fuel economy.

1 Economy The extra-tight oven construction and non-radiating air space between the inner and outer body walls conserve heat and save fuel. Cast iron burners which cannot leak gas make a further saving while the top arrangement with its giant, three medium and simmering burners gives the right combination for satisfactory and economical cooking.



PREMO ECLIPSE GAS RANGES

Send for special catalog

Style "VL" as shown above and Style "M" with oven on the right are close-coupled ranges built particularly for apartment use. They require only 40 x 23 inches of floor space, have a large oven and unusually large broiler. These ranges and all others of the line have a special opening in the oven bottom for the cooking of foods with strong odors so arranged that all cooking smells pass out the flue.

To get an adequate idea of these ranges you should see them. The illustrations in the special catalog reproduce them faithfully, however. Send for your copy.

2 Safety Explosion in PREMO ECLIPSE ranges is impossible because a patented, automatic oven-lighting device positively prevents accident. With it the oven door must always be open before the burner can be lighted, and the explosion of collected gas is thus made impossible. Even the usual "puffing" is done away with.



PREMO ECLIPSE GAS RANGES

Send for special catalog

Style "P" above, and Style "VO" on the opposite page are the latest additions to the PREMO ECLIPSE line. They are adapted to apartment use because of their size, requiring only 43 x 26 inches. The top has three medium, one giant and one simmering burner, an ideal combination for economical cooking. A large oven and extra-large broiler give these ranges a big capacity. The price is very reasonable.

These ranges and all the table styles make cooking and baking a pleasure. Stooping and reaching are done away with—there are no backaches.

3 Durability Moisture caused by the combustion of gas cannot rust out the cast iron burners. The frames, fronts, oven bottoms and top castings of this same material insure a life-time of satisfactory service. Other parts are made of special polished steel which adds to the long life of the stoves. They are built tight—built right.



PREMO ECLIPSE GAS RANGES

Send for special catalog

This style, "VO" and all others of the line have a one-piece U-shaped oven burner of pure cast iron. It effectively covers the whole oven bottom and also supplies heat for broiling. Instead of several oven valves there is but one, which is located in front along with the top burner valves. Lighting this burner requires but three operations; opening oven door; placing lighted match over aperture in oven bottom and turning valve.

The gas catalog which you should send for also shows our gas heating stoves as well as the TORRID natural gas furnace and TROPIC natural gas room heater.

4 Convenience The oven burner is particularly easy to light as is explained above. All parts can be removed for cleaning without loosening a bolt or screw. The doors drop to form convenient shelves and the white enameled parts make cleaning easy. All cast parts are of "Nubian" dull black enamel which requires only a damp cloth for cleaning.



PREMO ECLIPSE GAS RANGES

Send for special catalog

This Style "G" is one of three forms of low oven ranges. It has the standard top burner equipment and the U-shaped oven burner found on the table styles and also has the white enameled pans which make all the ranges more sanitary. In quality of materials and careful workmanship it is of exactly the same high standard as the high oven styles. It differs only in design.

A few minutes spent looking through the special catalog will thoroughly convince you of the many points of excellence in the PREMO ECLIPSE line.

5 Appearance Smooth, plain castings, finished in dull-black enamel and white enameled parts are combined to give the whole PREMO ECLIPSE line a distinctive and very pleasing appearance. Harmonious outlines and smooth rounded surfaces, coupled with attractive design, make these stoves welcome in every kitchen. They are unusually handsome and good to look at.

HELPING YOU SELL THE STOVES

A stove sold to the dealer is in reality only half sold, and the sale is a poor one for us unless the dealer in turn can sell this stove to one of his customers.

It is in helping our agents to do just this thing, sell the stove-user, that our extensive advertising and selling-help campaign has been evolved.

There are eleven units in this service and each can be used to excellent advantage by the stove dealer. People on farms are reached by advertisements in farm journals; town and city folk read snappy ECLIPSE ads in their newspapers and the name of the ECLIPSE agent nearest them is impressed again and again when they see the ECLIPSE signs, banners, moving picture slides and cards and receive letters, booklets, circulars and other literature which we furnish our agents for distribution.

Space will not permit giving all the details of the eleven units here, but our salesmen are always glad to explain thoroughly, or, if you will request it, we'll be pleased to send you information on all the phases of this advertising and selling plan.

To get the most out of this help that we're giving it is necessary that the stove dealer give some of his energy and time and that he co-operate with us enthusiastically. Hundreds of dealers who are now ECLIPSE agents have found that the plan is an excellent one and they are working enthusiastically with greatly increased sales as their reward. Every dealer should be glad to give a little of his time, for the entire service costs him nothing in money. Every unit of it is absolutely FREE. The ECLIPSE stoves that he buys are as good and many times better values than he can get elsewhere and they are made much better values when this FREE advertising and selling help is considered.

Talk to our salesman about this when he visits you next—or if you care to know more about it now, write us.

GUARANTEE

Every ECLIPSE stove is guaranteed to be perfect in workmanship; to be made of the best materials and to operate satisfactorily when installed properly and used under reasonable conditions. A part that fire cracks or shows a mechanical defect within a year will be replaced free of charge. If after a sixty day trial any ECLIPSE stove should fail to give satisfaction, from any fault of the stove itself, the defect will be remedied or a new stove supplied without cost. This guarantee applies only when the stoves are installed in conformance with the reasonable suggestions given below.

THE OPERATION OF STOVES

Use pipe of exactly the same size as the collar of the stove. Do not taper pipe to fit the hole in the chimney; make the hole larger. A cook stove or range should never be attached to a chimney less than 8 x 8 inches. See that there are no other openings, or stoves attached to the same flue and that the chimney is higher than the ridge of the roof. Be sure that the pipe fits the collar and is not pushed *too far into the chimney*.

No stove has what is called draft—the chimney furnishes the draft. ECLIPSE stoves will operate perfectly in the open air with four joints of pipe attached. Any stove that will work properly under such conditions will work properly when attached to a correctly constructed flue. Whenever a strong draft cannot be obtained when the direct damper is open the trouble will be found in the chimney. Sometimes the draft of a chimney can be too strong—the heat being carried around the oven so rapidly that it cannot be absorbed by the oven plate and the oven fails to heat sufficiently. A damper in the pipe is necessary to prevent the too strong draft. In *all cases* give the chimney attention first—it is a rare case in which the stove is “wrong.”

REMEMBER THESE DIRECTIONS

Caution user not to fill fire-box above the top of fire linings. Shake grate often and keep it free from cinders and ashes. Be sure to empty the ash pan at least once each day. If you use hard coal always use range size.

IF A STOVE IS APPARENTLY UNSATISFACTORY

If a stove is apparently not giving satisfaction, the dealer should investigate all the possible reasons for such failure thoroughly following the above suggestions. Never send the stove back without first trying to correct the difficulty and always advise before you return it. We may be able to help you find the trouble without having the stove returned.

TERMS AND SHIPMENTS

All remittances must be made in bankable funds available without cost to us. Expenses of collection and exchange, as well as interest on all accounts past due, must be paid by the debtor.

All claims against invoices must be made within ten days after receipt of goods.

Terms on repairs are NET CASH.

In order to save our customers excessive transportation charges all goods are shipped "RELEASED" at consignee's risk. Our responsibility ceases on delivery of the goods to the transportation company and obtaining from them a receipt for "goods shipped in good order." Any claims for damages must be made of the transportation company.

INSTRUCT YOUR DRAYMAN OR FREIGHT RECEIVER

It is important then that before accepting goods you should carefully inspect the articles to be sure that there are no SHORTAGES or BREAKAGES.

If the complete shipment as described by the Bill of Lading is not there, have the agent make a note on the Paid Freight Receipt of the articles SHORT. Also notify us immediately in order that a tracer may be started after the missing goods. If goods are broken or otherwise damaged, insist upon the agent noting in detail upon the Paid Freight Receipt the fact and nature of the damage, that claim may be properly made of the transportation company for the expense of putting the goods in salable condition.

If these reasonable precautions are not taken it prevents recourse upon the transportation company for losses caused by shortage or breakage.

HOW TO ORDER REPAIRS

Stove Names Every Eclipse stove bears the name "ECLIPSE" in connection with some other distinguishing name which indicates the class to which the stove belongs. For instance there is the JOY ECLIPSE, a cast range; the CLASSIC ECLIPSE, a steel range; the COLONIAL ECLIPSE, a base burner. This name is always found in some conspicuous place on the stove and the stove's number is also given a prominent location. In ordering repair parts it is well to follow these suggestions:

1. Give full name and number of the stove.
2. Give as full a description as possible of the part desired.
3. When ordering castings of which there are two or more on stove, please state whether "front" or "back," "right" or "left."
4. That part of the stove directly opposite the pipe collar is always called the front.
5. When you wish to describe any part as "right" or "left," stand in front of stove and not to one side or behind it.
6. In ordering outside parts of cook stove or range, state if stove has reservoir or is square.



